Draft Hydrology Report
for the
Proposed Horse Creek Controlled Groundwater Area

October 10, 2007

Prepared For:

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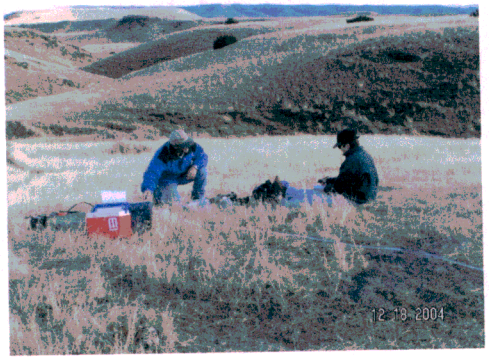

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ABSTRACT

This report was prepared in support of the petition by the Horse Creek Water Users, Inc. (HCWU), to the Montana Department of Natural Resources and Conservation for designation of the existing Temporary Controlled Ground Water Area (CGWA) as a Permanent CGWA. The DNRC issued an order on February 12, 2004, establishing the Horse Creek Temporary Controlled Groundwater Area, covering 4,600 acres near Absarokee. New groundwater users within this area have been required to obtain permits prior to drilling for and using groundwater, with testing and monitoring requirements. The Temporary CGWA was established in part to obtain additional hydrologic data on the Tongue River and Tullock Member aquifers within the Fort Union formation, along with associated springs and streams. Monitoring of water wells, springs and stream flows has been ongoing. This report provides these monitoring data along with a hydrologic analysis directed at the criteria for CGWAs provided under 85-2-506 MCA. The Horse Creek CGWA is proposed to be expanded to approximately 7,500 acres to incorporate the contiguous hydrogeologic boundary of the Tullock aquifer surrounding Horse Creek.

ACKNOWLEGEMENTS

The Horse Creek Water Users, Inc. led the effort to establish the initial Temporary CGWA in 2003, and have performed most of the monitoring and data collection analyzed in this report. Their efforts were guided by hydrologists from HydroSolutions Inc, and the Montana Department of Natural Resources and Conservation (DNRC). DNRC hydrogeologists and staff assisted in data collection. A 319 Grant from the DNRC was used to install two monitoring wells, install monitoring equipment and collect some of the data contained herein. The interpretations in this report are those of HydroSolutions Inc.

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THE HORSE CREEK CONTROLLED GROUNDWATER AREA
HYDROLOGIC EVALUATION
October 2001 – September 2007

Prepared for
Horse Creek Water Users, Inc.
By
HydroSolutions Inc

October 10, 2007

INTRODUCTION

HydroSolutions Inc (HSI) was retained by the Horse Creek Water Users, Inc (HCWU) in 2001 to assist them in providing hydrologic and geologic assessments to support their initial petition for a Controlled Groundwater Area (CGWA), pursuant to Montana Code Annotated 85-2-507. This effort culminated in a Hearing conducted by the Montana Department of Natural Resources and Conservation (DNRC) on October 9, 2003 in Columbus, Montana. Mr. Jack Stultz, Administrator for the Water Resources Division issued an Order designating the Horse Creek Temporary CGWA on February 12, 2004. The CGWA covered 4,600 acres within a designated area in and around the Horse Creek watershed, a tributary of Rosebud Creek, Stillwater County, Montana. The Horse Creek CGWA is proposed to be expanded to approximately 7,500 acres to incorporate the contiguous hydrogeologic boundary of the Tullock aquifer surrounding Horse Creek.

The primary purpose of the Temporary CGWA designation was to allow for the collection of more hydrologic data. The HCWUs have conducted additional monitoring of groundwater, springs and streams in and around the CGWA from 2003 to September 2007. Additional monitoring has been conducted by DNRC hydrogeologists and staff, and by HydroSolutions. This report provides an analysis and summary of the data collected in support of the HCWUs petition for permanent status.

METHODS

The HCWUs collected most of the water monitoring and sampling data contained in this report. Their methods of collection were guided by experienced hydrogeologists from HydroSolutions, whose hydrologic data collection methods have been approved in written Sampling and Analysis Plans by the Montana Department of Environmental Quality. DNRC hydrogeologists are also experienced in collection of hydrologic data and are recognized experts for the State of Montana. A HydroSolutions hydrogeologist directed the drilling, logging and installations of the State Section and Rex Monitoring

Wells. Methods of data analyses are generally referenced in the following text, tables and figures.

Other relevant data and evaluation methods conducted for the 2003 Summary Report (HydroSolutions, 2003) are summarized below.

- A previous hydrogeologic assessment of the Horse Creek area by John Sonderegger, PhD. was reviewed.
- The Crow Chief Subdivision Groundwater Study (Aquoneering, 1998) and results of aquifer testing were reviewed, and those observations considered in light of the HCWU.
- Water well logs and water quality results for the area were obtained from the GWIC system (Montana Bureau of Mines & Geology, on-line). Well logs were correlated to geologic strata, and reported water level elevations checked with respect to springs and Horse Creek.
- The geologic maps of the area (Lopez, 2000 and 2001) were obtained and geologic contacts and faults were correlated to spring and well locations and field observations.
- The potential hydrologic connection between aquifers, and between groundwater and Horse Creek was evaluated using hydrogeologic and water quality indicators.
- The available data on the flow in Horse Creek was assembled and graphed.
- The available data on the flows of springs in the Horse Creek area was assembled and graphed, along with precipitation.
- Water quality data available for the Horse Creek, springs and wells was obtained, summarized and graphed.
- Water quality data were examined for characteristics and trends in salinity, sodicity, common ions, and dissolved metals, according to aquifer and position in the groundwater flow system.
- Water quality data were checked for sodium content and the sodium adsorption ratio, as an indication of irrigation suitability.
- Possible recharge areas for the Tongue River Member aquifer and Tullock aquifer were evaluated from the watershed area map and geologic map.
- An Estimate of the Recharge and Discharge of the Tongue River and Tullock Aquifers was made.

The information in the report, tables, figures and Appendices is organized by: a) Precipitation, b) Groundwater level data, c) Spring flow data, d) Stream flow data, e) Water quality data, f) Water Rights data, and g) Analysis. The findings of the 2003 Summary Report (HydroSolutions, 2003) are included below, followed by new or updated findings based on the monitoring and analyses of the past four years.

PRECIPITATION

Monthly precipitation at the National Weather Service Coop station at Fishtail, Montana are plotted in Figure 1. Annual precipitation amounts by water year are given in Table 1. Every year since 1997, except 2005, has experienced below normal precipitation (18.82 inches). As shown in Figure 2, the cumulative departure from normal over the past 10 years is nearly minus 50-inches since 1997.

As is evident in the trends of groundwater levels, spring flows and stream flows discussed later, precipitation appears to be the single most significant natural variable affecting the availability of water to users in the Horse Creek CGWA. This is especially true for users of springs and of Horse Creek surface waters which are more dependent on maintenance of natural gradients to drive water to the points of discharge.

GROUNDWATER LEVELS

The DNRC memorandum (Levens, 2003) containing the analysis of the information and testimony presented at the October 2003 Hearing indicated that there were insufficient water level and flow data to evaluate criteria under 85-2-506 MCA definitively. Thus the HCWUs collected extensive additional groundwater level data from 2003 to 2007. Their work included installation and maintenance of two electronic recording water level transducers installed in the State Section and Rex Monitoring Wells. They also conducted routine groundwater level monitoring in seven private wells throughout the CGWA. The DNRC installed recording electronic transducers in the Borland #1 and Borland #2 wells, and installed five piezometers along Horse Creek. The groundwater level data are displayed in Figures 2 through 8, and in Appendix A. Daily precipitation data are concurrently graphed. The precipitation data were obtained from the Western Regional Climate Center, and from the U.S. Weather Bureau web site.

Water level data shown in these figures was analyzed to obtain estimates of annual groundwater recharge and compared to the corresponding annual precipitation. See the ANALYSIS section for results.

SPRING FLOWS

Spring flows were measured at regular intervals at 12 sites by the HCWUs beginning in April 2004. Six of these had additional infrequent monitoring going back to October 2001. A composite chart showing all spring discharge measurements is provided in Figure 9, in logarithmic scale, and in Figure 10, in arithmetic scale. More detailed charts of the individual springs are given in Appendix B.

Inspection of the spring hydrograph indicates that all springs appear to react quickly to significant precipitation events, particularly the very large May 2005 event. Five springs had reasonably stable flows of 1 gpm or more, including Rex 2, Rex 3, Gravel Pit, Flanagan and Zook Springs. Others appear less stable and occasionally go dry. HCWUs report that dry springs, intermittent flow and low flows in springs over the past 10 years is one of their major problems for livestock operations.

HORSE CREEK FLOW

The flow in Horse Creek has been measured periodically by HCWU with a V-notch weir once in 1996, and periodically in2002, 2003, and 2004 through 2007, at a location known as the Chandler weir. Flow measurements were also collected by Borland in 1999 and 2001. DNRC installed a flume on Horse Creek just upstream of the Chandler weir and on the tributary to Horse Creek below the Zook Spring. The DNRC period of record begins in April 2004 and ends in August 2007, however, data for the flume on Horse Creek are very sparse and do not allow updated seasonal or annual flow estimates to be made.

Based on the data available in 2003, the previous estimate of the average discharge of Horse Creek was 25.4 gpm at the Chandler weir. Based on 32 measurements from 2003 through 2007, the average flow was 36.6 gpm at the Chandler weir. The range of measured flows have been zero to 407 gpm in June 2005.

WATER QUALITY

Water quality samples have been collected at approximately 33 locations by HCWU from 2002 through 2007. Since 2003, sampling expanded to include more private wells throughout the proposed CGWA, and the two new monitoring wells (State Section and Rex wells). The 2003 Summary Report found that sodium and conductivity were the two most diagnostic parameters with respect to water source. Wells and springs obtaining all or a portion of water from the Tullock aquifer had higher sodium and somewhat greater conductivity than those obtaining water from the Tongue River member aquifer. The additional sampling since 2003 generally appear to confirm this. Some waters, such as Horse Creek appear to be mixtures of sources. The sodium concentration of Horse Creek increases from about 12 mg/l upstream to from 30 to 40 mg/l downstream. Graphs of conductivity and sodium trends are provided in Figures 14 through 19. A compendium of all water quality data collected by HCWU is provided in Appendix C.

WATER USE AND WATER RIGHTS

HCWU's estimates of water use in the proposed CGWA are indicted in Tables 3, 4, and 5. These estimates are focused on the Horse Creek watershed, and are not an exhaustive compilation of uses in the entire proposed CGWA. Information from the Crow Chief Meadows Subdivision Web site (www.crowchief.com) as of October 7, 2007 indicated that a total of 37 lots have been sold, seven have pending sales and 21 lots are still available. Thus since 2003, it appears that marketing of the subdivision has been successful, and that it is reasonable to assume that full build out will eventually occur.

One of the key pieces of missing information for this report is lack of actual water use from metered wells installed since 2003. Although this provided for in the DNRC Order, it apparently has not been enforced, and thus no actual water use data are available. The 2003 analysis used 100 gallons per person per day as a planning number, and an irrigated lot size of 0.2 acres. Due to lack of new data, these values have been retained in the current analysis. A review of a 2005 color aerial photograph indicates that irrigated lot areas in the Crow Chief subdivision were in the range of 0.14 to 0.2 acres. A sensitivity analysis of this parameter is included in the ANALYSIS section.

HCWU and HydroSolutions attempted to list current water rights applications and permit status with the assistance of the DNRC. A list of water rights information is included as Table 6. The HCWU reviewed the initial list of water rights records for the proposed CGWA and found a total of 198 entries. They attempted to eliminate duplicate filings and produced a total of 54 non-duplicate water right records in the proposed CGWA boundary. The DNRC's list supplied by Tim Lewis, indicated a total of 57 water rights filings within the proposed CGWA, with seven new filings since 2003. HCWU reviewed this list and found 11 new water rights applications filed since the inception of the Temporary CGWA. Figure 20 shows the number of water wells drilled per year in the CGWA according to GWIC records.

Of the 54 water rights in Table 6, maximum flow data are given for 25. These 25 filings request a total appropriation of 547.5 gpm. These filings are not adjudicated and therefore subject to adjustment. In addition there are existing historic uses of Horse Creek and a number of springs not included in the DNRC water rights records. Thus, although there is limited information on the existing water rights claims and actual use in the Horse Creek CGWA, it is readily seen that the demand for groundwater and surface water far exceeds the recharge estimates presented in this report.

ANALYSIS

The previous analysis provided in the 2003 Summary Report are included below, followed by any additional interpretations. The interpretations provided herein should be considered in a draft stage, subject to modification as may be indicated with additional analysis.

A Hydrologic Connection Between the Lower Fort Union Aquifer and Horse Creek

2003 Summary Report

1. Static water levels in the Borland wells have a greater elevation than the elevation of Horse Creek, indicating a hydraulic potential for upward movement.

2. A hydraulic potential alone would not indicate significant upward leakage from the Tullock Aquifer to Horse Creek, however, a major fault bisects the watershed.

3. A major geologic fault crosses Horse Creek, thereby providing the pathway for Tullock groundwater to move upward to Horse Creek.

4. According to the well logs for the Borland wells, there is a vertical offset in a calcareous silt confining strata of approximately 80-feet between Borland #2 (east of fault) and Borland #3 (west of fault).

5. The Borland #2 well aquifer test indicated drawdown leveled off at 400 to 500 minutes. This could indicate the interception of a constant head boundary such as Horse Creek.

6. The indication of upward groundwater movement is evident in Kelly Spring (aka Borland Spring #2), which has a water chemistry nearly identical to that of the Borland wells. (*Note: Kelly Spring is the same as Zook Spring, not Borland #2.*)

7. Kelly Spring is located on the major fault. Other springs, including the Rex #2, Rex #3, and Lannen Spring #1, are also located on, or proximate to the major fault.

8. Horse Creek and other springs have water chemistries indicative of mixed shallow (Tongue River Member Aquifer) groundwater and deeper Tullock groundwater.

9. It is unlikely that any drainage basin as small as Horse Creek (2.5 sq.mi.) would have continuous baseflow in October 2003, after 4 years of drought, without the input of another source such as a deeper bedrock aquifer.

10. The visual indication of groundwater discharge to Horse Creek is evident in the green vegetation along the mapped fault and the tributary channels to Horse Creek, as seen on the color photographs of October 2003.

DNRC's transducer records of the Borland #1 and #2 wells indicate they continue to have hydraulic heads from 75 to 92 feet above that of Horse Creek. This potential for upward groundwater flow appears to be enabled by the major fault system crossing the Horse

Creek watershed from north to south. Even though the Tullock aquifer is confined or semi-confined, all wells completed in the Tullock exhibited rapid response to large precipitation events, further indicating that although the Tullock aquifer has a degree of confinement, evidently it is not significantly isolated from surface hydrology. A chart which superimposes the hydrograph of Borland well #1 on the hydrograph of Horse Creek is provided in Figure 21. Although the Horse Creek record is fragmentary, the responses of the well and of Horse Creek appear fairly similar.

The Case for Excessive Withdrawals, and Withdrawals In Excess of Recharge

2003 Summary Report

1. Current geologic maps of the area were used to delineate the aquifer areas and identify mapped faults (MBMG).

2. Geologic logs and maps were used to identify the Tongue River and Tullock Aquifers in logs and on geologic maps.

3. Water level hydrographs from the MBMG (2001-present) were checked for evidence of groundwater recharge in recent years. SWL increases in spring 2003 in the Kim Witt well and Chandler well were 12.2 and 14.1 feet, with subsequent declines of 11.1 and 23.27 ft., respectively. The rate of recharge calculated from this rise was 4.6% of annual precipitation (18.24-in).

4. The rapid decline of water levels, particularly in the Chandler well suggests that recharge has been less than withdrawals during the dry spell experienced in past several years.

5. Recharge to the Tongue River Aquifer over the Horse Creek watershed (above and including the subdivision) was estimated at 31 to 52 gpm using recharge rates of 3% and 5% of precipitation. The recharge to the exposed up-gradient Tullock Aquifer at these same rates was estimated at 31 to 51 gpm. Total annual recharge to the Horse Creek watershed from both aquifers was estimated at 62 to 103 gpm.

6. Existing groundwater withdrawals from both aquifers was estimated, exclusive of use in the Crow Chief Subdivision. These sources included: Horse Creek, sub-irrigation along the narrow valley of Horse Creek, measured springs in the Horse Creek basin or potentially sourced in the Tullock Aquifer, livestock use (based on AU's), and domestic wells (see attached Table). These withdrawals totaled 78 gpm. Existing groundwater use is estimated at 76% to 126% of recharge based on the above rates.

7. If the Crow Chief Subdivision demand at build-out (60 homes) is added to the base demand, total potential withdrawals would be 118% to 197% of recharge, based on the available information and assumptions.

The DNRC analysis establishing the Temporary CGWA (Levens, 2003) indicated there was some doubt about the recharge area of the Tullock aquifer. A new geologic map (Map 3) and the Composite Potentiometric Map (Map 4), along with a field inspection has given a clearer picture of the recharge area. The Tullock aquifer is completely truncated by geologic uplift and exposure of its complete thickness by erosion on the southwest side of the proposed CGWA, along the southern fork of the Grove Creek road. A sliver of the Cretaceous Upper member of the Hell Creek formation, which underlies the Tullock member, is exposed in the road cut in the southwest one-quarter of Section 20 and north one-half of Section 29. The upper member of the Hell Creek formation has been considered a confining unit in other regions where it has been studied. The composite potentiometric map illustrates that groundwater in the Tongue River and Tullock aquifers beneath the CGWA is a local flow system. Its' recharge area is in the upland portions of the CGWA with discharge to the streams that surround it. The potentiometric contours of Map 4 were drawn based primarily on shallow groundwater and surface water elevations, even though all monitoring locations with elevation data are shown.

The rate of recharge to the aquifers was also an issue in the DNRC analysis. As described above under Groundwater Levels, multiple hydrographs were analyzed to determine annual rates of recharge on a water year basis. The results of that analysis are provided in Table 2. Recharge from five wells were determined from digital hydrograph analysis, including the Chandler house well, Alley (Witt) well, Borland well #1, State Section and Rex monitoring wells. The number of wells with available data varied, from one in WY2002 to five in WY2007. The analysis indicates that the average groundwater level rise was 11.1 feet per year, which given the confined aquifer parameters shown, translates to a water column rise of 0.71 inches per year. This is equivalent to 4.3% of the average annual precipitation that actually fell in these years. The trend in average recharge rate for each of the years of record is shown in Figure 22. The calculated recharge rate varied from 2.6% to 6.4% of annual water year precipitation. It is reasonable to expect that the rate of recharge is directly related to the amount of annual precipitation. That relationship is evaluated in Figure 23. Four of the six years indicate a positive linear relationship. Two years, 2003 and 2007 don't fit the trend of the other four, for reasons that are not known. It is suspected that the pattern, timing and form of precipitation all possibly play a role in recharge. With warmer temperatures, a greater percentage of precipitation may be falling as rain instead of snow. It is believed that snowmelt tends to be more effective producing groundwater recharge than comparable rainfall events.

The aquifer recharge-discharge estimate prepared for the 2003 Summary Report was updated in this analysis. Tables 3, 4 and 5 provide the results. Results are shown for the average recharge rate of 4.3%, as well as the range of 2.5% to 6.5% of annual precipitation. This estimate is made for the portion of the proposed CGWA enveloped by the surface drainage basin of Horse Creek, as it was in 2003. The composite potentiometric map supports this approach since it indicates good correspondence between the apparent groundwater divides and the surface water divides. This analysis allows for the additional recharge to one-half of the exposed area of the Tullock aquifer

on the southwest side of the CGWA. Potentiometric heads indicate that some of the recharge arising in that area could reach Horse Creek. However, the potentiometric map indicates that some of the groundwater recharge arising in the upper-most portion of the CGWA move toward Grove Creek and the West Rosebud.

Table 5 provides the overall recharge-discharge estimate for the Horse Creek watershed. Groundwater recharge within the watershed is 39 gpm, with an additional 19 gpm estimated from outlying Tullock aquifer recharge, for a total of 58 gpm. The estimate of groundwater demands on the basin total 81 gpm, using updated values for Horse Creek and springs within the watershed. The base demand without new wells or water developments since 1996 amounts to 140% of estimated recent groundwater recharge.

Although the Crow Chief subdivision is not the only venue for recent house construction in the CGWA, it is the only one within the Horse Creek watershed, and so is discussed in this analysis. The estimated potential demand by the Crow Chief subdivision at full build-out is 43 gpm. The total potential demand is 124 gpm, which amounts to 215% of estimated recent recharge. The estimated variability is 142% to 369% of the calculated range of groundwater recharge.

If, hypothetically, no lawn, shrub or garden irrigation were to occur in the Crow Chief subdivision, the subdivision demand would be reduced to 18 gpm. The total potential demand would then be 99 gpm, or 170% of estimated recent recharge. The estimated variability is 113% to 294%, using 6.5% and 2.5% of recent annual precipitation, respectively. If the three highest flows in Horse Creek (those over 50 gpm) are eliminated from computation of the average flow, the draw on groundwater by Horse Creek is reduced to 18 gpm. In this case total potential demand with recharge at 4.3%, and other parameters constant, total potential withdrawals are 171% of recharge, with a range of 92% to 239% of estimated recent recharge. Thus, even making conservative assumptions about water demand results in groundwater withdrawals in excess of recharge, or very close to that point.

CONCLUSIONS

2003 Summary Report

A preliminary estimate of the average long term groundwater recharge and withdrawal rates was made for the Tongue River and Tullock Aquifers serving water users in the Horse Creek watershed, and immediate vicinity. The assessment utilized data from the site and routine scientific methods of analysis. The Tullock Aquifer is confined, but can discharge to shallow groundwater and Horse Creek through a major fault and associated fractures, which bisects the Horse Creek basin. This same fault appears to have springs associated with it to the north of the Horse Creek basin (Rex property).

An enumeration of known existing withdrawals outside the Crow Chief Subdivision indicates that these uses likely consume most if not all existing annual recharge. Existing water rights on Horse Creek fully appropriate the estimated discharge, exceeding it significantly. Full build-out of the Crow Chief Subdivision would impose withdrawals estimated to be equivalent to an additional 57% of current uses. The total potential withdrawals were estimated to exceed the total rate of recharge to both the Tongue River and Tullock Aquifers, by up to twice the annual recharge rate.

More conservative assumptions may be prudent for some of the estimates, which would make the overdraft even larger. These include a probable larger average discharge of Horse Creek, less than full availability of all recharge to the Tullock Aquifer, and possibly greater use of groundwater by phreatic vegetation. A comprehensive program of hydrogeologic data collection and controls on new groundwater and surface water development in the Horse Creek watershed is recommend.

The analysis presented in this report generally supports the findings of the 2003 Summary Report. Much more groundwater level data were collected which allowed for more definitive calculations of annual recharge rates. Use of these recharge rates, along with updated estimates of groundwater demand indicate that withdrawals may already exceed recharge, or that some discharges, such as springs and base flow to Horse Creek, may have been reduced. A 65-lot subdivision situated in the Horse Creek watershed is already mostly sold out. At build-out, the water demand from it alone could amount to from 79% to 111% of the estimated recent recharge rate.

Sources of water fed by natural groundwater gradients, such as springs and Horse Creek base flow, are most susceptible to reductions of hydraulic head due to dispersed withdrawals from private wells, and from reductions in recharge due to drought or climate change. Higher air temperatures potentially associated with climate change increase evapo-transpiration, potentially further reducing groundwater recharge. This can occur even though a large volume of groundwater in storage within the aquifer may exist. Water users relying on springs and base flow can be the

first to suffer impairment. This analysis indicates that establishment of a Horse Creek Permanent Controlled Ground Water Area is warranted for protection of existing water users and water right holders, and for enabling reasonable management of a limited water resource.

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TABLES

Table 1. Annual Water Year Precipitation Amounts for Fishtail, Montana.

Water Year	Precipitation inches	
1997	23.68	Partial Year: 1/1/97 – 9/30/97
1998	16.7	
1999	16.1	
2000	16.14	
2001	15.33	
2002	14.14	
2003	13.68	
2004	18.24	
2005	20.54	
2006	12.95	
2007	14.02	
Average	15.78	WY1998 - WY2007
Normal	18.82	

Sources: Western Regional Climate Center (2007); NOAA Billings, MT website.

Table 2. Calculation of Volumetric Recharge Rate in Tullock Aquifer under Confined Conditions

Confined Aquifer Storage Formula:										
Confined Storage (S)	ρg [lbs/ft^2]	b (Aquifer thickness) [ft]	α (compressibility of rock) [ft^2/lb]	N porosity	β (H2O Compress-ibiltiy) [ft^2/lb]					
	62.4	85	1.00E-06	0.2	2.30E-08					
			(estimate for dense sand)							
S=	ρgb(α+Nβ)									
S=	5.33E-03									
Calculations of Water Recharge to or from Storage [ft^3]:										
		Area [ft^2]	Total Recharge WY Basis Δh [ft]	S	Vw = Area*Δh*S cu.ft.	Depth per 1 sq.ft. inches	Water Year Precip in.	Percent of Precip %	Average Recharge WY Basis	Count
2003 Report Values		1	13.2	5.33E-03	0.070	0.84	18.24	4.6%		1
Chandler Well	WY2002	1	6.75	5.33E-03	0.036	0.43	14.14	3.1%	3.1%	1
Chandler Well	WY2003	1	13.06	5.33E-03	0.070	0.84	13.68	6.1%		
Alley Well	WY2003	1	14.29	5.33E-03	0.076	0.91	13.68	6.7%	6.4%	2
Chandler Well	WY2004	1	1.91	5.33E-03	0.010	0.12	18.24	0.7%		
Alley Well	WY2004	1	22.39	5.33E-03	0.119	1.43	18.24	7.8%	4.3%	2
State MW	WY2005	1	16.91	5.33E-03	0.090	1.08	20.54	5.3%		
Rex MW	WY2005	1	18.18	5.33E-03	0.097	1.16	20.54	5.7%		
Chandler Well	WY2005	1	17.44	5.33E-03	0.093	1.12	20.54	5.4%		
Alley Well	WY2005	1	19.24	5.33E-03	0.103	1.23	20.54	6.0%		
Borland #1 Well	WY2005	1	13.62	5.33E-03	0.073	0.87	20.54	4.2%	5.3%	5
State MW	WY2006	1	3.03	5.33E-03	0.016	0.19	12.95	1.5%		
Rex MW	WY2006	1	2.10	5.33E-03	0.011	0.13	12.95	1.0%		
Chandler Well	WY2006	1	9.49	5.33E-03	0.051	0.61	12.95	4.7%		
Alley Well	WY2006	1	6.7	5.33E-03	0.036	0.43	12.95	3.3%	2.6%	4

Table 2. Continued

State MW	WY2007	1	13.55	5.33E-03	0.072	0.87	14.02	6.2%		
Rex MW	WY2007	1	7.23	5.33E-03	0.039	0.46	14.02	3.3%		
Chandler Well	WY2007	1	11.59	5.33E-03	0.062	0.74	14.02	5.3%		
Alley Well	WY2007	1	11.19	5.33E-03	0.060	0.72	14.02	5.1%		
Borland #1 Well	WY2007	1	2.39	5.33E-03	0.013	0.15	14.02	1.1%	4.2%	5
Average			11.11			0.71	15.60	4.3%	**4.31%**	
Note:										
Sources: Univ of Idaho, D. Ralston, 1987, see Freeze & Cherry, pg 55.										

Table 3. Recharge to Horse Creek Watershed and Groundwater Demands

Groundwater Recharge Estimate within Horse Creek Watershed			
Area of Horse Cr Watershed	1587	acres	
Rate of Recharge	4.3%	Percent of Precipitation	
Annual Precipitation	15.78	inches (Fishtail)	Past 5-year average
Amount of Recharge	0.68	inches (Fishtail)	
Volume over Watershed	3,908,940	cubic feet	
Annualized Rate of Recharge	56	gpm	
Area per GPM	29	acres	
Area of watershed including-above Sub.	1108	acres	
Pro-rate for Watershed above Subdivision	**39**	gpm	
Stock Watering Demand			
Egger's	60	AU's	
Flanagan	60		
Rex	75		
Lannen et al	90		
Total	285		
Stock Allowance	30	gal/day	
Stock Use Rate	**5.94**	gpm	
Existing Domestic Wells			
Chandler	5	gpm	
Flanagan	5	gpm	
Kelly	5	gpm	
Witt	5	gpm	
Total	**20**	gpm	
Sub-Irrigation of Horse Cr Valley			
Length of valley in Subdivision	6336	ft	
Avg. Width in Subdivision	144	ft	
Area	20.9	acres	
Sub-irrigation demand estimate	12	inches	
Volume of Actual ET	912384	cu.ft.	
Annualized Rate of Demand	**13.0**	gpm	
Crow Chief Subdivision Demand			
No. of Households	65		
Demand per capita	100	gpcd	
Household Size	4	persons	
Residential Demand per House	0.28	gpm	
Total Residential Demand	**18.1**	gpm	
Irrigation			
Lawn Area	0.2	acres	
	8712	sq.ft.	
Consumptive Demand	36	inches	
Seasonal Precipitation	12.7	inches	
Leaching Fraction	5	inches	
Irrigation Demand	29	inches	
Efficiency	70.0%	percent	

Table 3. Continued

Total Applied	37.31	inches	
Volume applied	27,087	cu.ft.	
Annualized Rate per house	0.39	gpm	
No. of Households	65		
Total Irrigation Rate	25.1	gpm	
Total Subdivision Demand	**43**	gpm	
Subdivision Demand as % of Recharge	**111%**	Of Recharge within watershed	
Note:			
Water Rights on Horse Creek by Chandlers, Borlands, and others likely over-appropriate the available flow.			
Additional wells and withdrawals by Rex, Witt and possibly others withdrawing from Tullock are not included.			

Table 4. Estimate of Outlying Tullock Aquifer Recharge Reporting to Horse Creek Watershed

Recharge Area (GIS map)	535	acres	See note below.	
Rate of Recharge	4.3%	Percent of Precipitation		
Annual Precipitation	15.78	inches (Fishtail)		
Amount of Recharge	0.68	inches (Fishtail)		
Volume over Watershed	1,316,527	cubic feet		
Annualized Rate of Recharge	**19**	gpm		
Area per GPM	29	acres		
Annual Recharge Estimate				
Water Year	Average GW Recharge as % Precip			
2002	3.1%			
2003	6.4%			
2004	4.3%			
2005	5.3%			
2006	2.6%			
2007	4.2%			
Average Percent of Annual Precipitation	4.3%			
Average Recharge depth	0.70	inches		

Note:
See Hydrology Report for Recharge Estimates.
This assumes that one-half of the exposed Tullock aquifer recharge would be available to Horse Creek users based on potentiometric map.

Table 5. Groundwater Recharge-Discharge Estimate for Horse Creek Watershed

				Estimated Range		
Groundwater Recharge						
Recharge as % of Precipitation	**4.30%**			**6.50%**	**2.50%**	
Recharge within Horse Cr Watershed	39	gpm		59	23	gpm
Outlying Tullock Aquifer	19	gpm		28	11	gpm
Total Annual Recharge	**58**	gpm		**87**	**33**	gpm
Draws on Combined Aquifers						
Horse Creek	36.6	gpm		36.6	36.6	gpm
Measured Springs (2004-2007)	5	gpm		5	5	gpm
Phreatic Consumptive Use From Groundwater	13.0	gpm		13.0	13.0	gpm
Livestock Consumptive Use	6	gpm		6	6	gpm
Existing Domestic Wells in Basin	20	gpm		20	20	gpm
Subtotal	**81**	gpm		**81**	**81**	gpm
Base Demand as % of Recharge	**140%**			**93%**	**241%**	
Crow Chief Subdivision at buildout						
Domestic consumption	18.1	gpm		18.1	18.1	gpm
Lawn irrigation	25.1	gpm		25.1	25.1	gpm
Subtotal	**43.1**	gpm		**43.1**	**43.1**	gpm
Total Potential Demand	**124**	gpm		**124**	**124**	gpm
Potential Demand as % of Recharge	**215%**			**142%**	**369%**	
Notes:						
Only includes springs potentially sources in Tullock Aquifer.						
Flows of Horse Cr and Springs are average of all measurements, 2004-2007.						
This assumes that one-half of the exposed Tullock aquifer recharge						
would be available to Horse Creek users based on potentiometric map.						

Table 6. Horse Creek CGWA Water Rights Filings

wrid	wr number	wr key	ver id	src type	wr type	histrgt type	div count	use count	irr count	res count	priority date	enf priority date	mean ofdiv
90524	43C 46667 00	90524-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	3			1.982E+11	1.982E+11	WELL
186877	43C 105956 00	186877-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.998E+10	1.9981E+11	WELL
275907	43C 197359 00	275907-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
334890	43C 105904 00	334890-1	1	SURFACE	GROUND WATER CERTIFICATE		1	1			1.998E+11	1.9981E+11	DEVELOPED SPRING
36715	43C 15700 00	36715-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1	1		18970701	18970701	HEADGATE
30596	43C 12180 00	30596-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19070826	19070826	LIVESTOCK DIRECT FROM SOURCE
36716	43C 15701 00	36716-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	3			19170808	19170808	LIVESTOCK DIRECT FROM SOURCE
36717	43C 15702 00	36717-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19170811	19170811	LIVESTOCK DIRECT FROM SOURCE
275916	43C 197368 00	275916-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
99908	43C 52374 00	99908-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.983E+10	1.9831E+11	WELL
148486	43C 80890 00	148486-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.992E+11	1.9921E+11	WELL
175056	43C 99137 00	175056-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.996E+10	1.9961E+11	WELL
296201	43C 39291 00	296201-1	1	SURFACE	STATEMENT OF CLAIM	USE	3	5	5		18981027	18981027	HEADGATE
35575	43C 15048 00	35575-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19190407	19190407	LIVESTOCK DIRECT FROM SOURCE

Table 6. Continued

35576	43C 15049 00	35576-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19190407	19190407	LIVESTOCK DIRECT FROM SOURCE
35579	43C 15050 00	35579-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19190605	19190605	LIVESTOCK DIRECT FROM SOURCE
275908	43C 197360 00	275908-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
278272	43C 200076 00	278272-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
315033	43C 197369 00	315033-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
217883	43C 130367 00	217883-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217884	43C 130368 00	217884-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217886	43C 130370 00	217886-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
338412	43C 30001933	338412-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.002E+11	2.0021E+11	WELL
347959	43C 30012436	347959-1	1	GROUNDWATER	PROVISIONAL PERMIT		1	1			200503100	2.005E+11	WELL
193575	43C 109824 00	193575-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.999E+11	1.9991E+11	DEVELOPED SPRING
217887	43C 130371 00	217887-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217889	43C 130374 00	217889-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217890	43C 130375 00	217890-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
260810	43C 179910 00	260810-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE

Table 6. Continued

261991	43C 181271 00	261991-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
306119	43C 130372 00	306119-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217872	43C 130355 00	217872-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	PUMP
217891	43C 130376 00	217891-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1			19630430	19630430	PUMP
312674	43C 179781 00	312674-1	1	SURFACE	STATEMENT OF CLAIM	FILE	1	1	1		19180511	19180511	PUMP
205416	43C 116774 00	205416-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.001E+11	2.0011E+11	WELL
205532	43C 116841 00	205532-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.001E+10	2.0011E+11	WELL
312690	43C 179909 00	312690-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	WELL
339845	43C 30003503	339845-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.002E+11	2.0021E+11	WELL
342358	43C 30006311	342358-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.003E+11	2.0031E+11	WELL
343339	43C 30007399	343339-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.003E+11	2.003E+11	WELL
352407	43C 30016588	352407-1	1	GROUNDWATER	PROVISIONAL PERMIT		1	1			2.005E+11	2.0051E+11	WELL
358834	43C 30022934	358834-1	1	GROUNDWATER	PROVISIONAL PERMIT		1	1			2.006E+11	2.006E+11	WELL
361910	43C 30026229	361910-1	1	GROUNDWATER	PROVISIONAL PERMIT		1	1			2.006E+11	2.006E+11	WELL
61295	43C 29846 00	61295-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19100215	19100215	LIVESTOCK DIRECT FROM SOURCE
61305	43C 29852 00	61305-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19100215	19100215	LIVESTOCK DIRECT FROM SOURCE
39560	43C 17334 00	39560-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1		1	19730501	19730501	DAM
39564	43C 17336 00	39564-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19131231	19131231	LIVESTOCK DIRECT FROM SOURCE

Table 6. Continued

179186	43C 101516 00	179186-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.997E+11	1.9971E+11	WELL
293691	43C 17333 00	293691-1	1	GROUNDWATER	STATEMENT OF CLAIM	FILE	1	1			19620727	19620727	WELL
197251	43C 111946 00	197251-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19141203	19141203	LIVESTOCK DIRECT FROM SOURCE
197253	43C 111948 00	197253-1	1	GROUNDWATER	STATEMENT OF CLAIM	FILE	1	1			19710319	19710319	LIVESTOCK DIRECT FROM SOURCE
303780	43C 111947 00	303780-1	1	GROUNDWATER	STATEMENT OF CLAIM	FILE	1	1			19710319	19710319	LIVESTOCK DIRECT FROM SOURCE
197248	43C 111945 00	197248-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1			19061031	19061031	LIVESTOCK DIRECT FROM SOURCE
3928	43C 1441 00	3928-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.974E+11	1.974E+11	WELL
Count	54												
Total													
Sources:	NRIS, September, 2007												
	DNRC, T. Lewis												

Table 6. continued (begins 2nd ½ of table)

wrid	divid	srcname	county id	tr	secno	qsection	govtlot	reser-voir	max flwrt	flwrtunt	maxvol	max acres	well depth	divnum
90524	1	GROUNDWATER	ST	4S18E	1	SWNW		N	25	GPM	0.75	0.25		168116
186877	1	GROUNDWATER	ST	4S18E	1	NWNENW		N	12	GPM	0.4	0.16	18	248361
275907	1	SPRING. UNNAMED TRIBUTARY OF ROSEBUD CREEK	ST	4S18E	2	SESWSW		N						
334890	1	SURFACE WATER	ST	4S18E	3	NWNESW		N	1.5	GPM	0.47			461584
36715	1	UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	SWNW	4	N	85	GPM		5		462097
30596	1	SPRING. UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	NWNESE		N						462029
36716	1	SPRING. UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	SESWSW		N						462098
36717	1	SPRING. UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	SESESW		N						462099
275916	1	SPRING. UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	NENWSE		N						463392
99908	1	GROUNDWATER	ST	4S18E	3	NWNENW	3	N	5	GPM	1.67		210	172734
148486	1	GROUNDWATER	ST	4S18E	3	SWNENE		N	20	GPM	4.42	0.25		247525
175056	1	GROUNDWATER	ST	4S18E	3	N2SWNW		N	11	GPM	1.63		150	211977
296201	3	GROVE CREEK	ST	4S18E	9	SWNWSW		N	4	CFS		137.5		462612
35575	1	SPRING. UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	9	NESESE		N						462072
35576	1	SPRING. UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	9	NWNESE		N						462073
35579	1	SPRING. UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	9	SWNWNE		N						462074
275908	1	SPRING. UNNAMED TRIBUTARY OF ROSEBUD CREEK	ST	4S18E	10	SESENE		N						463390
278272	1	SPRING. UNNAMED TRIBUTARY OF ROSEBUD CREEK	ST	4S18E	10	NWNENE		N						463481
315033	1	SPRING. UNNAMED TRIBUTARY OF ROSEBUD CREEK	ST	4S18E	11	SWNWNE		N						463393
217883	1	SPRING. UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	14	SWSESE		N						463040
217884	1	SPRING. UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	14	SWSESE		N						463041
217886	1	SPRING. UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	14	NWSWNW		N						463043
338412	1	GROUNDWATER	ST	4S18E	14	NENWNW		N	21	GPM	1.63		132	537481

Table 6. continued

347959	1	GROUNDWATER	ST	4S18E	14	NWSENW		N	5	GPM	3.53	1	250	564224
193575	1	GROUNDWATER	ST	4S18E	15	NENENW		N	5	GPM	0.27			461590
217887	1	SPRING. UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	NENWSE		N						463044
217889	1	SPRING. UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	NESENW		N						463047
217890	1	SPRING. UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	SWNWSW		N						463048
260810	1	SPRING. UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	NWNESE		N						463083
261991	1	HORSE CREEK	ST	4S18E	15	S2		N						463087
306119	1	SPRING. UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	SWSWNE		N						463045
217872	1	SPRING. UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	NENESE		N	10	GPM	1.5			463029
217891	1	HORSE CREEK	ST	4S18E	15	NENESE		N	35	GPM				463049
312674	1	HORSE CREEK	ST	4S18E	15	NWNESE		N	121	GPM		7.1999998		463077
205416	1	GROUNDWATER	ST	4S18E	15	NWNENE		N	13	GPM	1.63		300	227818
205532	1	GROUNDWATER	ST	4S18E	15	NENENE		N	6	GPM	4.6	1		534335
312690	1	GROUNDWATER	ST	4S18E	15	NENESE		N	10	GPM				239285
339845	1	GROUNDWATER	ST	4S18E	15	NENWNE		N	30	GPM				537955
342358	1	GROUNDWATER	ST	4S18E	15	NWSENE		N	30	GPM	1.63			547905
343339	1	GROUNDWATER	ST	4S18E	15	NWSESE		N					125	550049
352407	1	GROUNDWATER	ST	4S18E	15	SWNWSW		N	3	GPM	2.38		220	592800
358834	1	GROUNDWATER	ST	4S18E	15	SESENW		N	25	GPM	2.25		170	599594
361910	1	GROUNDWATER	ST	4S18E	15	NESENW		N	25	GPM	2.25		110	603835
61295	1	SPRING. UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	16	SENESE		N						462371
61305	1	SPRING. UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	16	SWSENW		N						462377
39560	1	UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	20	NENENE		Y						462113
39564	1	SPRING. UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	20	SWNESW		N						462116
179186	1	GROUNDWATER	ST	4S18E	20	NENWNW		N	10	GPM	2.31	0.25	400	214365
293691	1	GROUNDWATER	ST	4S18E	20	SENESW		N	15	GPM				142287

Table 6. continued

197251	1	SPRING. UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	21	SWNENE		N						462914
197253	1	SPRING. UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	21	SENWSW		N						462916
303780	1	SPRING. UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	21	NWSWNW		N						462915
197248	1	FISHTAIL CREEK	ST	4S18E	28	N2		N						462913
3928	1	GROUNDWATER	ST	4S18E	28	SWNW		N	20	GPM	1		57	126571
Count									**25**					
Total									**547.5**	**GPM**				
Sources:														

FIGURES

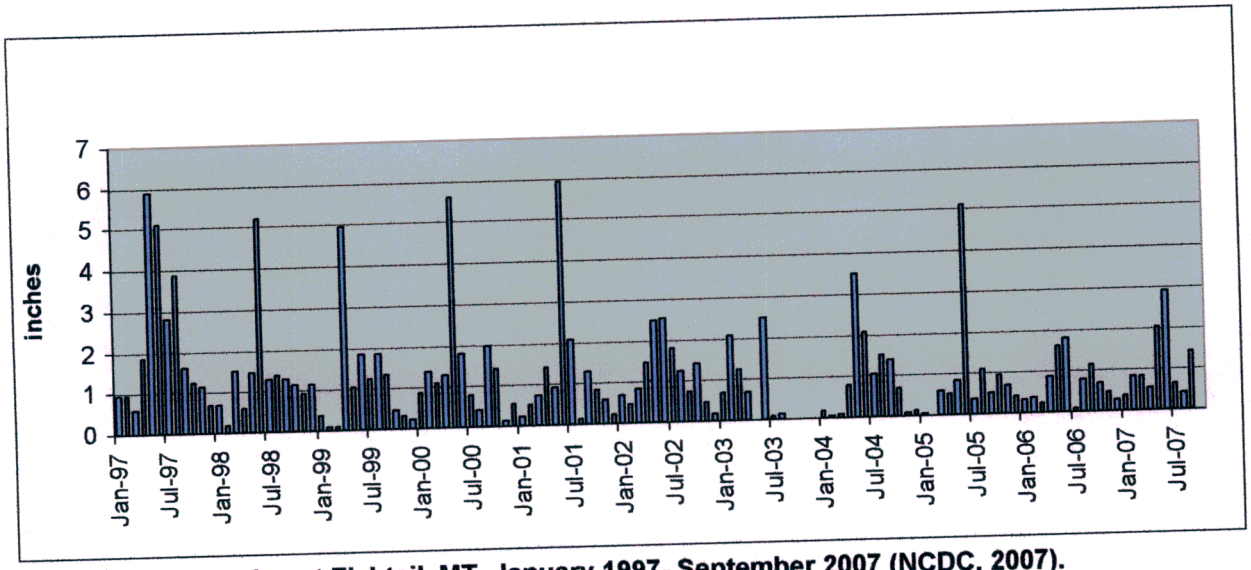


Figure 1. Precipitation at Fishtail, MT, January 1997- September 2007 (NCDC, 2007).

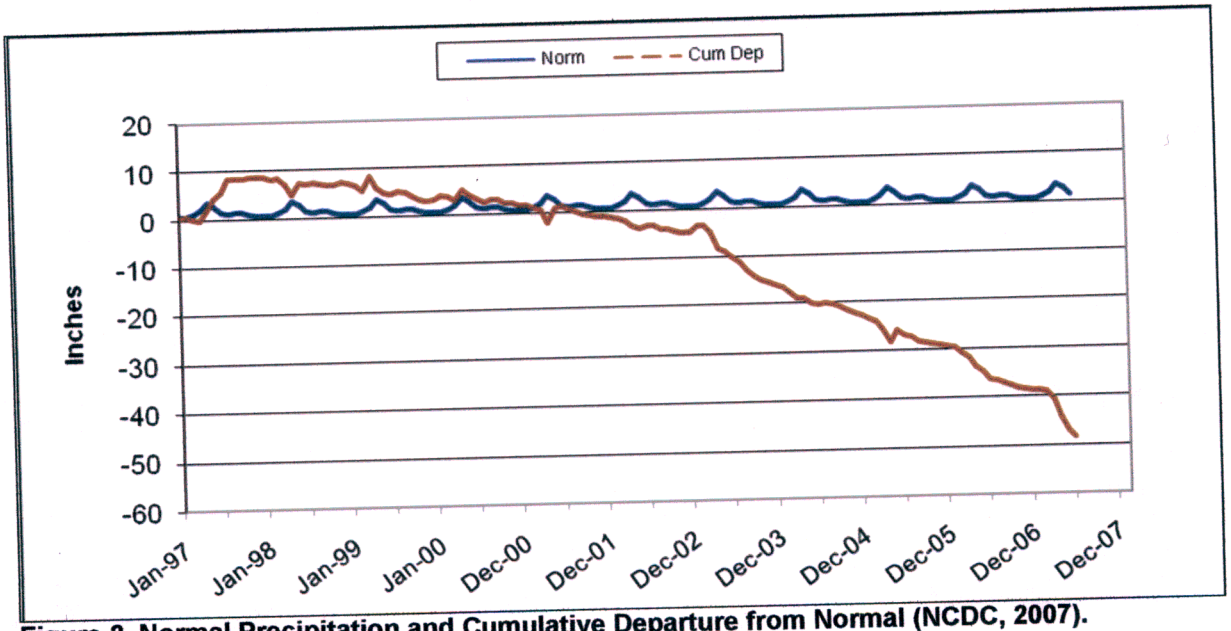


Figure 2. Normal Precipitation and Cumulative Departure from Normal (NCDC, 2007).

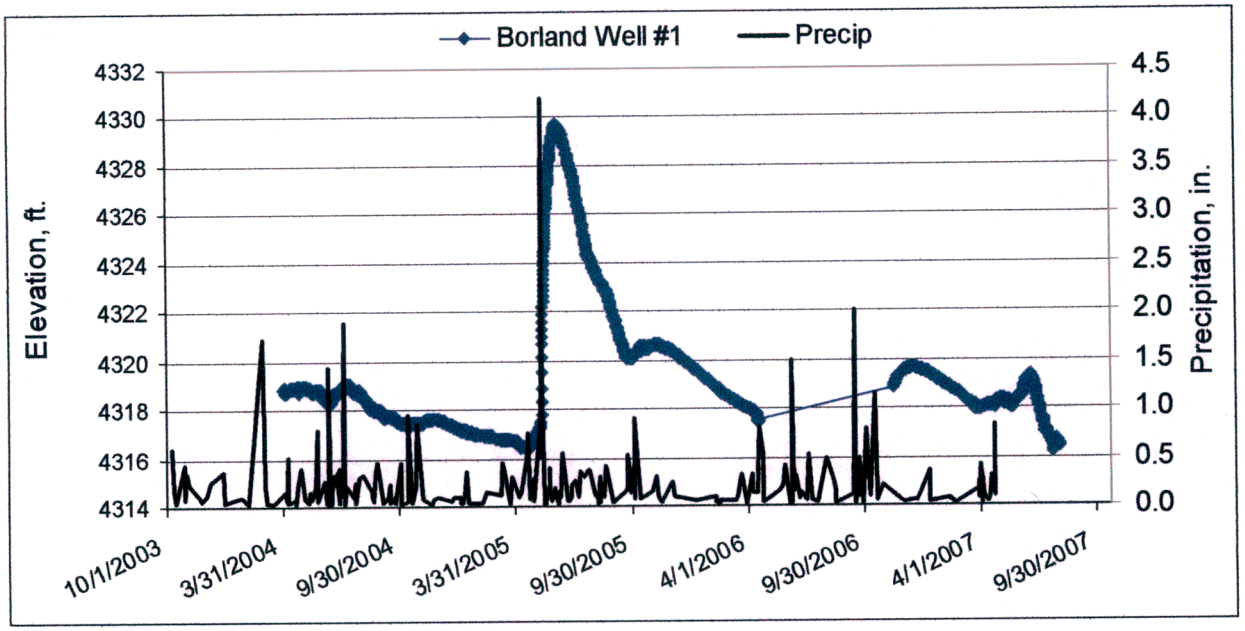


Figure 3. DNRC Recording Transducer Record for Borland Well #1.

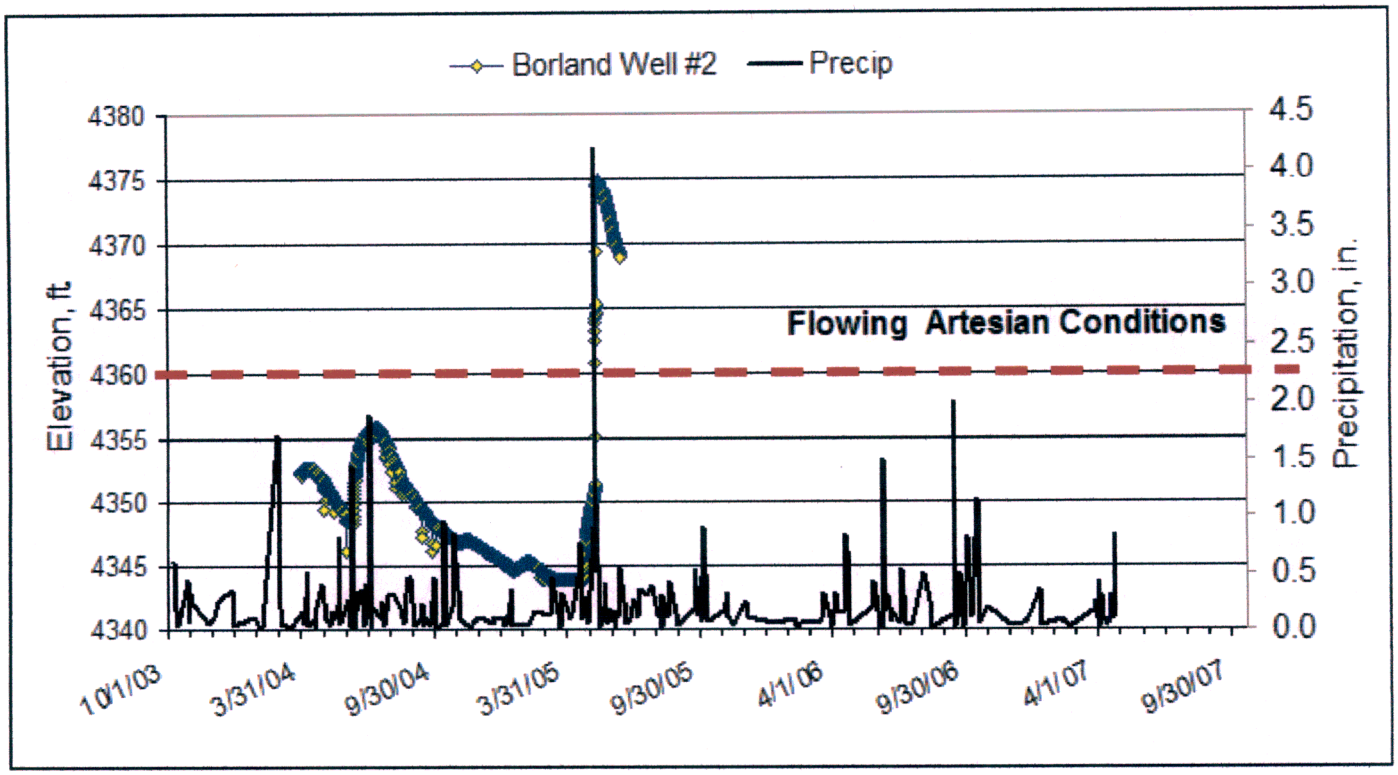


Figure 4. DNRC Recording Transducer Record for Borland Well #2.

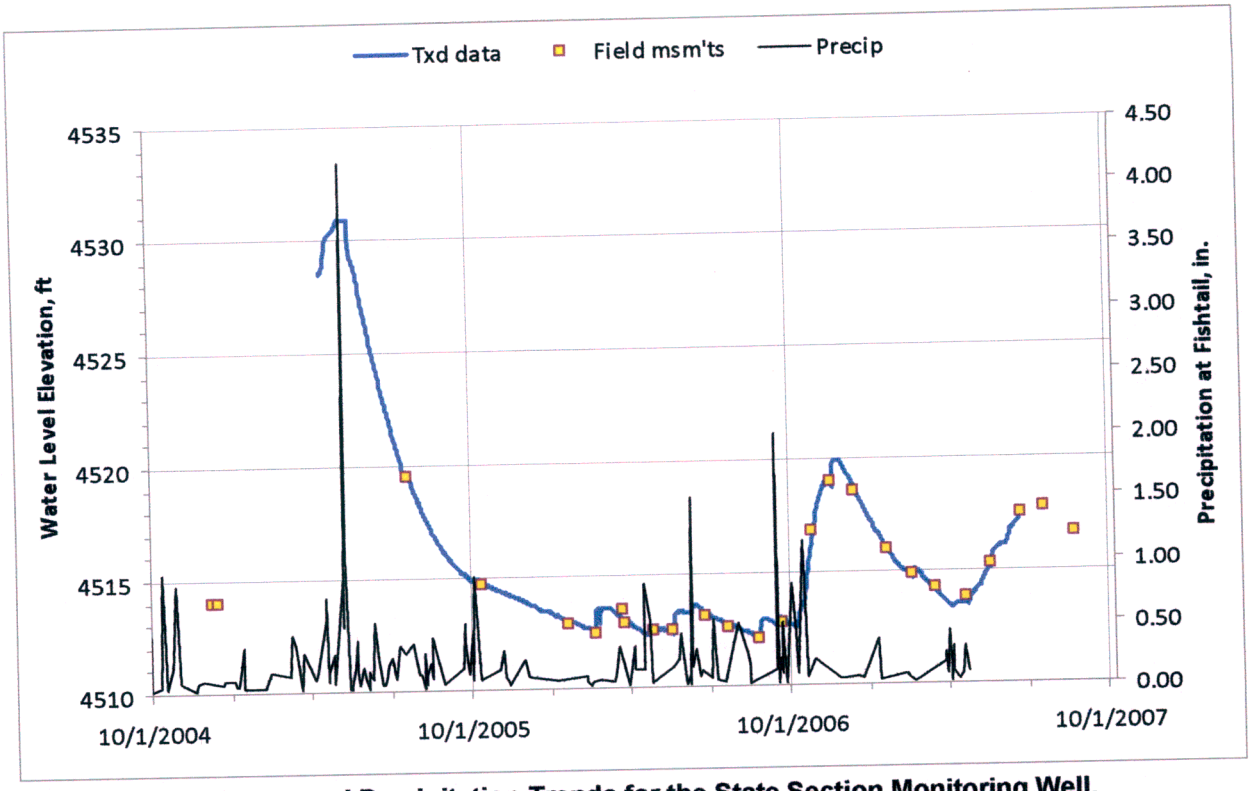


Figure 5. Groundwater and Precipitation Trends for the State Section Monitoring Well.

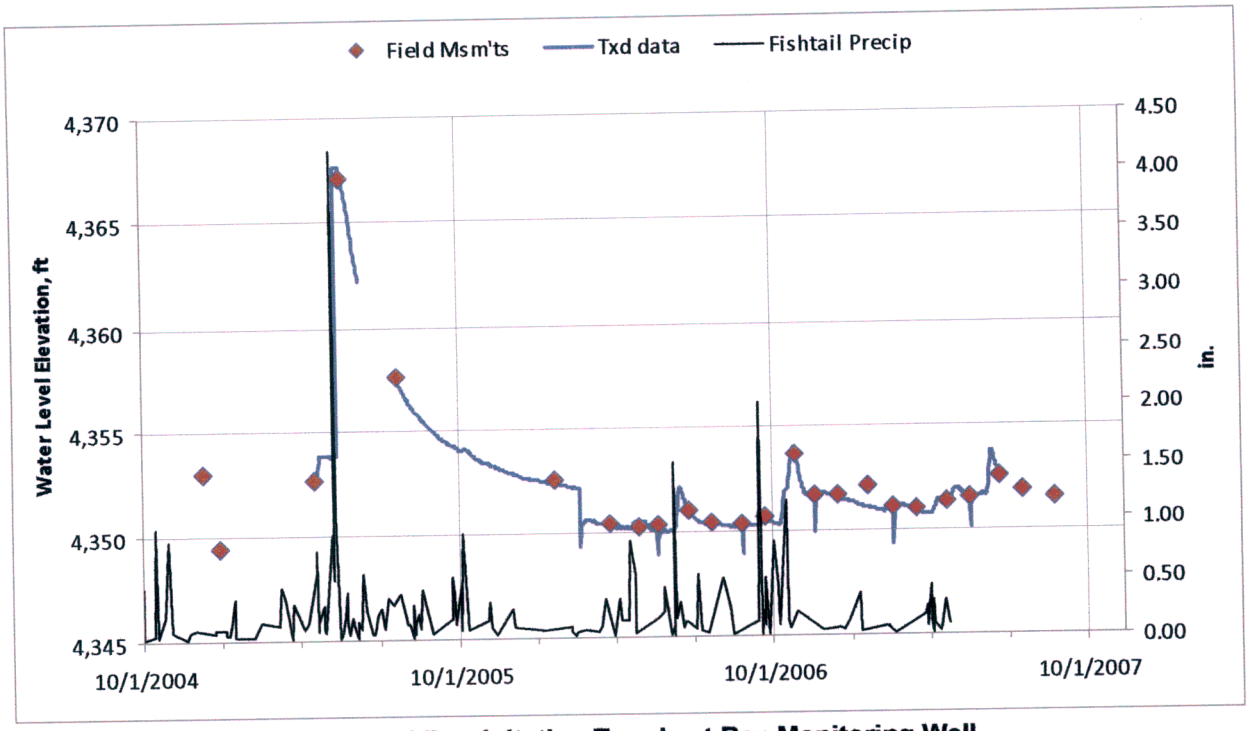


Figure 6 Groundwater Level and Precipitation Trends at Rex Monitoring Well.

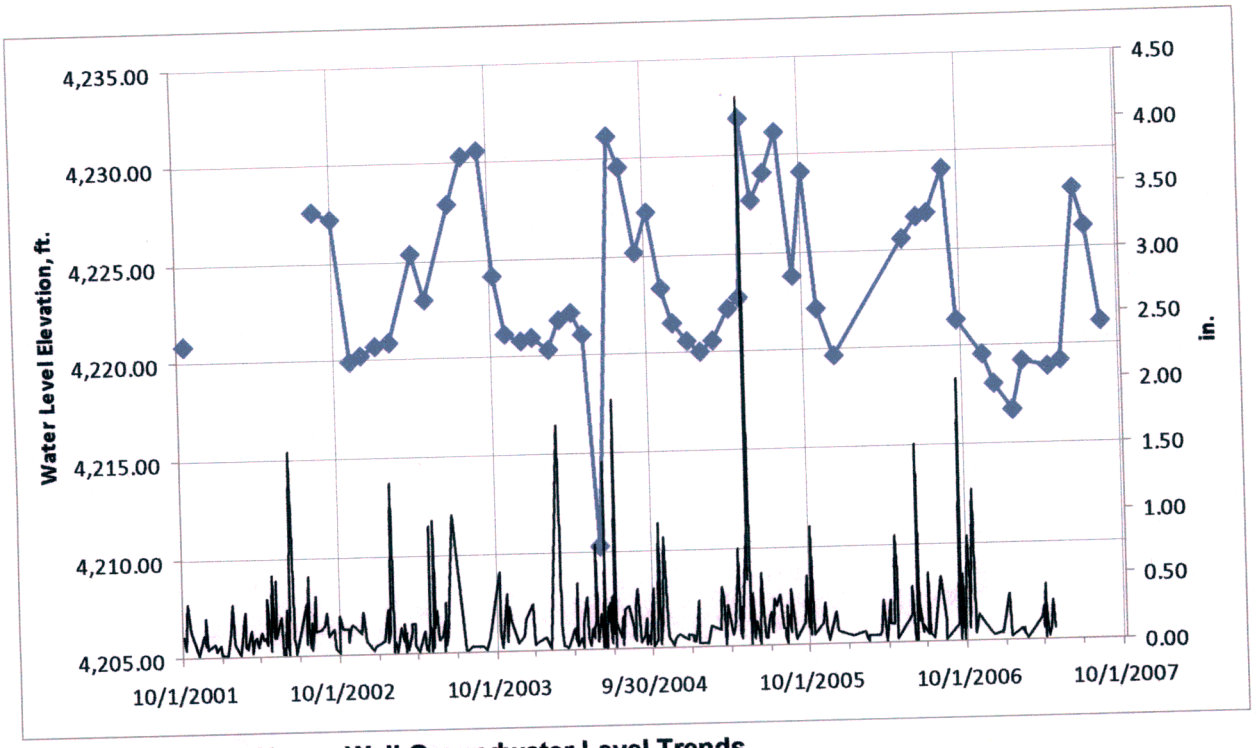


Figure 7. Chandler House Well Groundwater Level Trends.

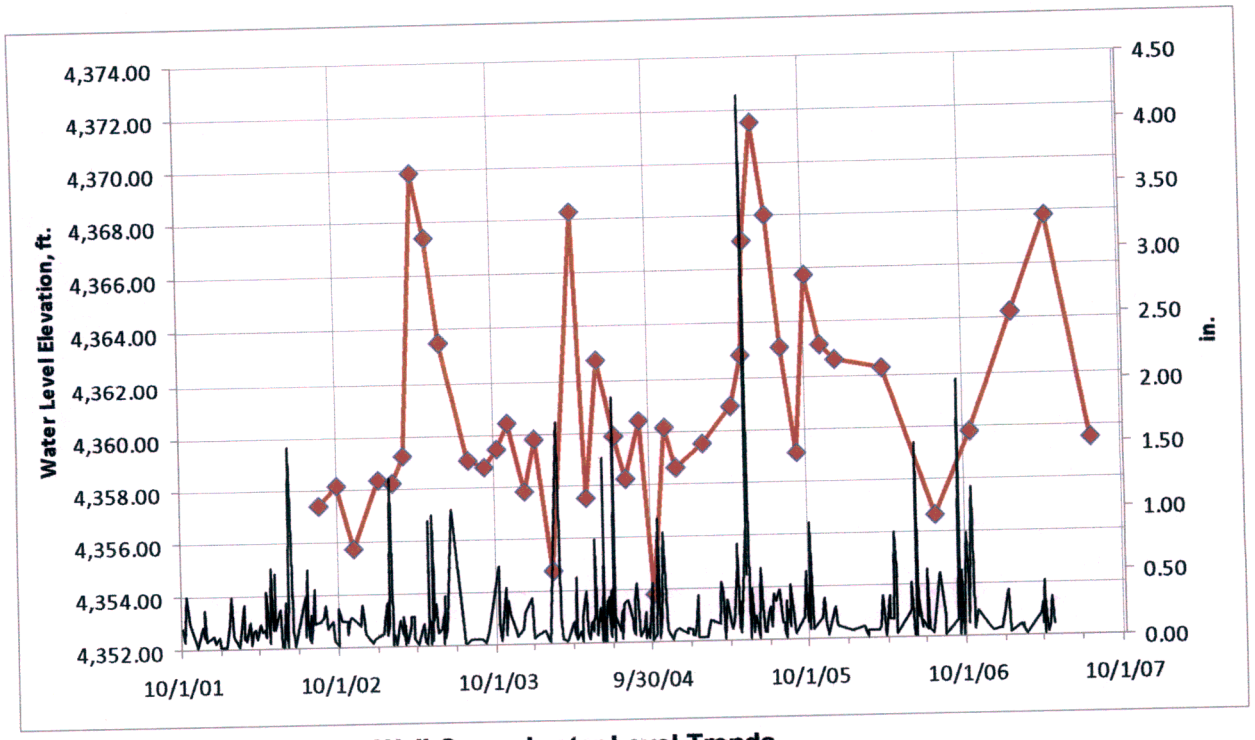


Figure 8. Alley (Witt) House Well Groundwater Level Trends.

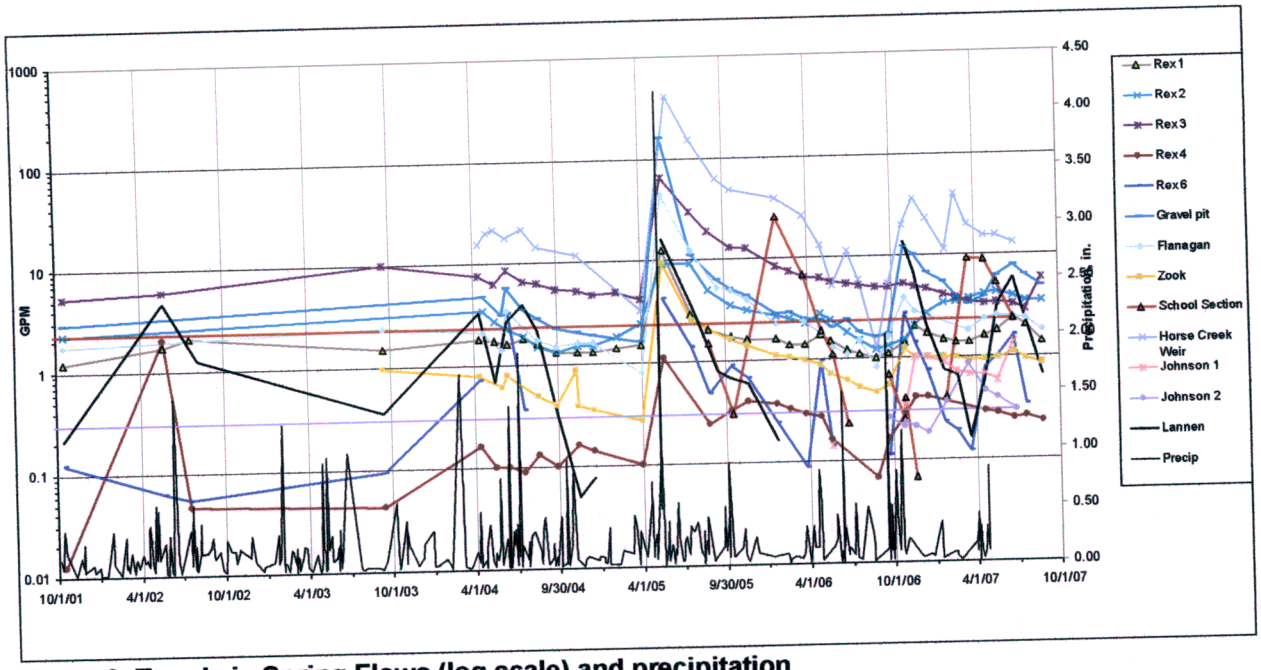


Figure 9. Trends in Spring Flows (log scale) and precipitation

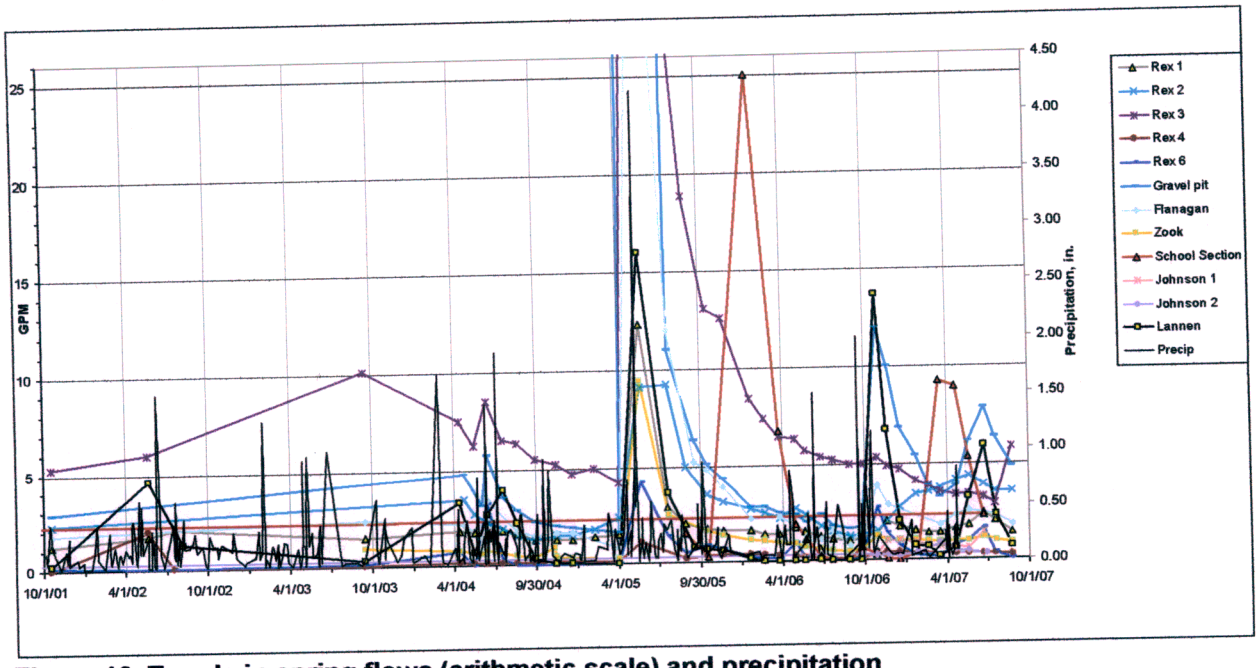


Figure 10. Trends in spring flows (arithmetic scale) and precipitation

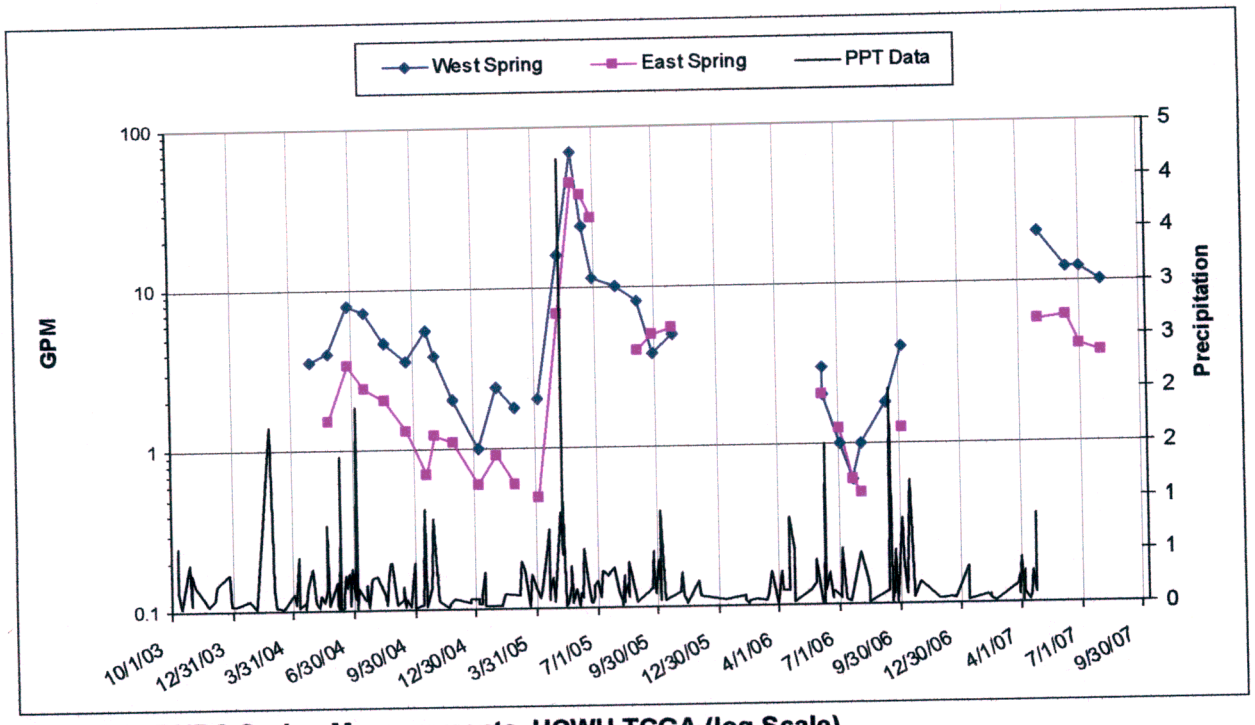


Figure 11. DNRC Spring Measurements, HCWU TCGA (log Scale)

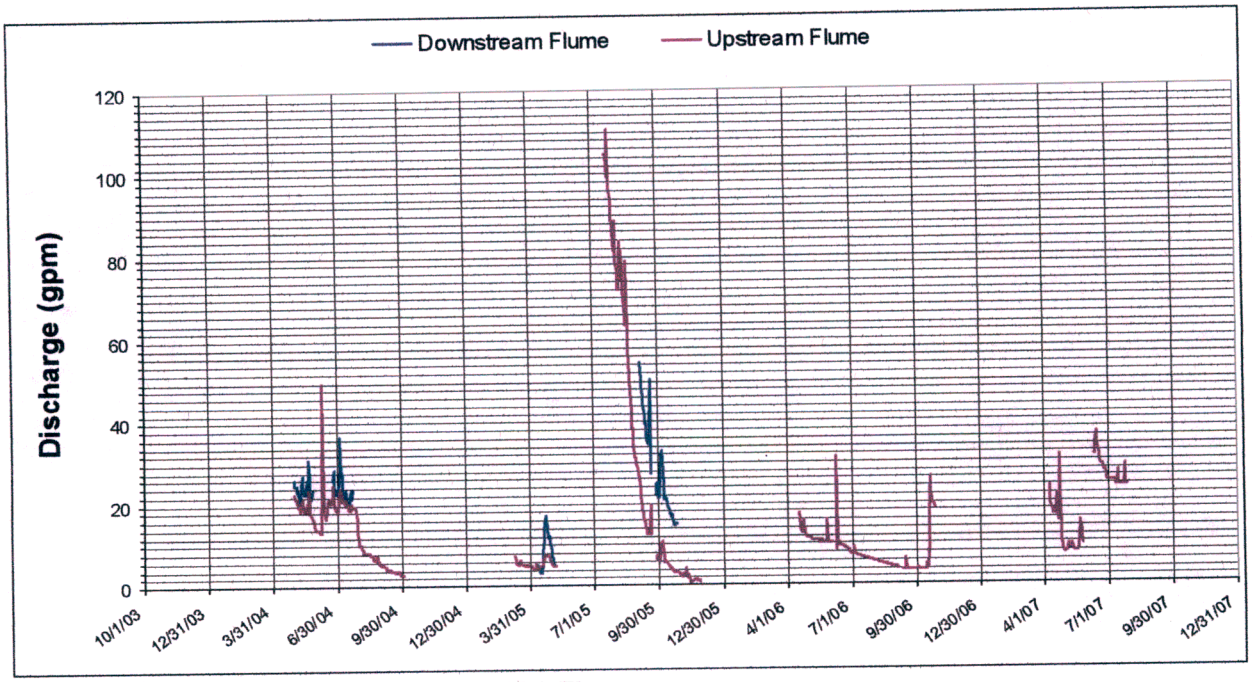


Figure 12. Horse Creek Discharge at DNRC Flumes

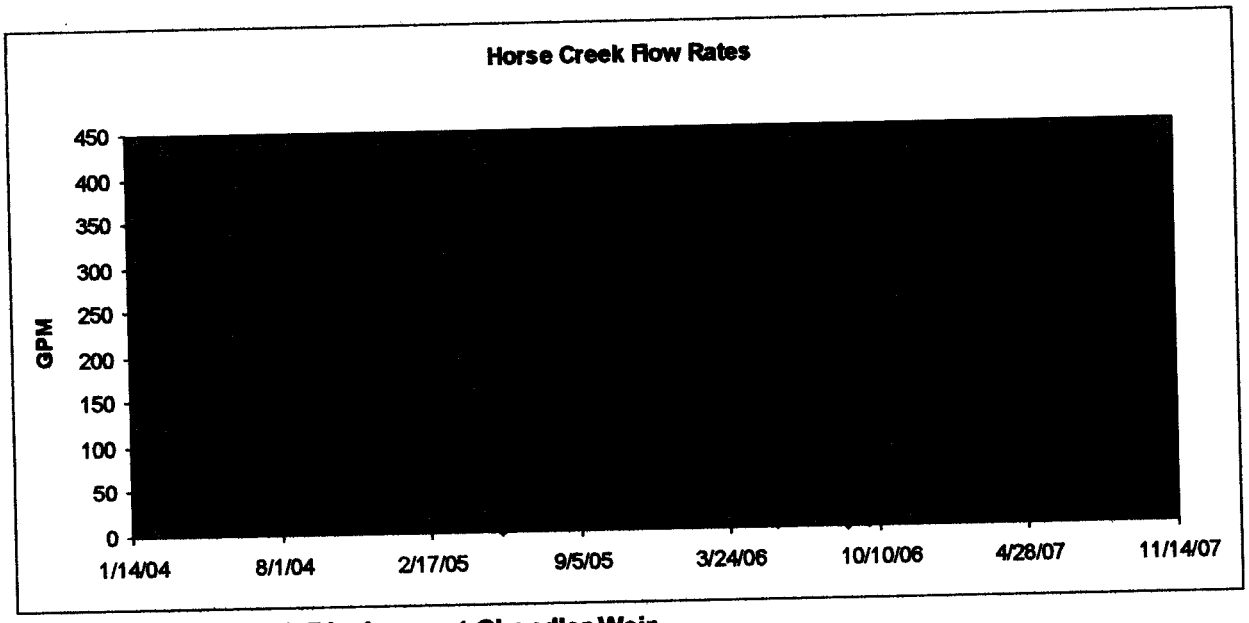


Figure 13. Horse Creek Discharge at Chandler Weir

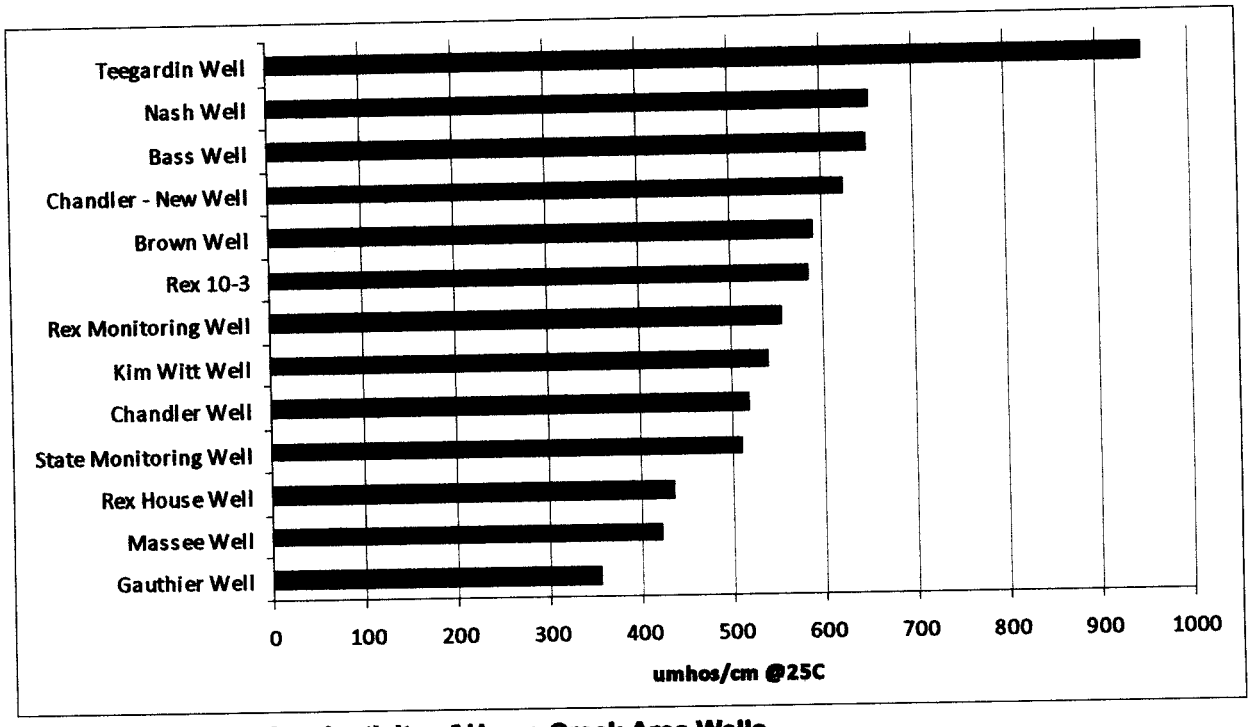


Figure 14. Average Conductivity of Horse Creek Area Wells.

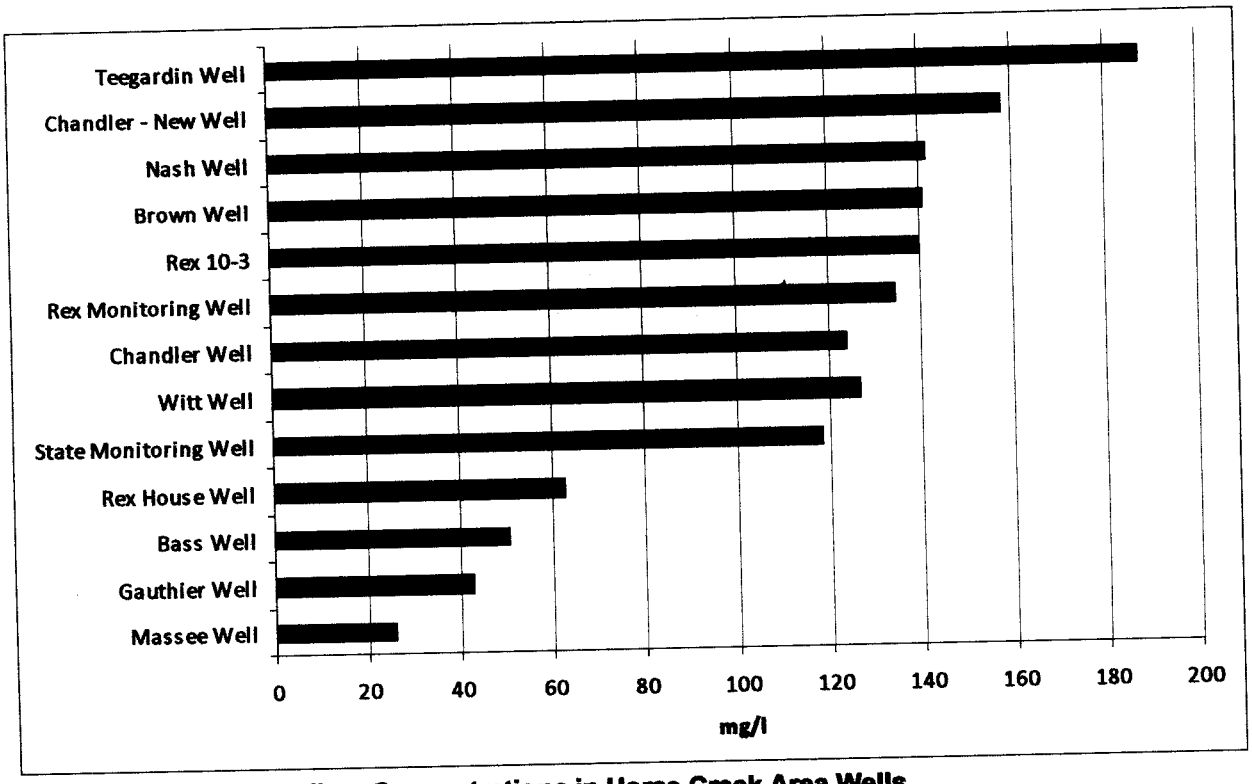


Figure 15. Average Sodium Concentrations in Horse Creek Area Wells.

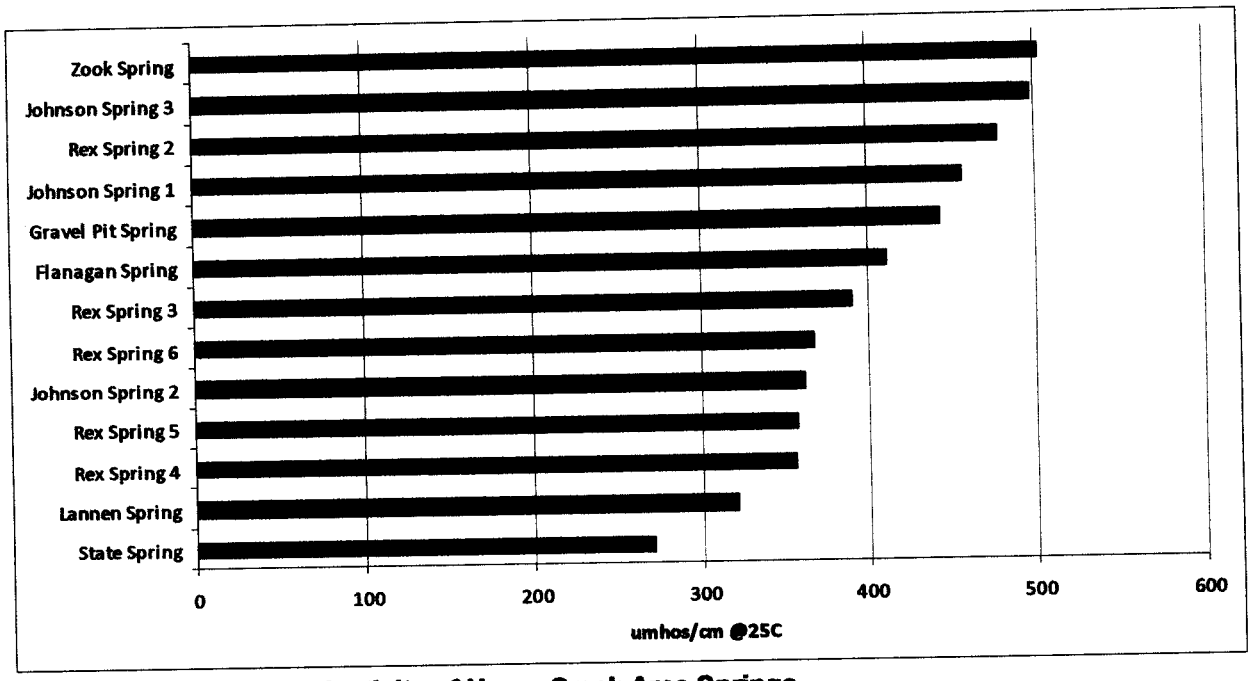


Figure 16. Average Conductivity of Horse Creek Area Springs.

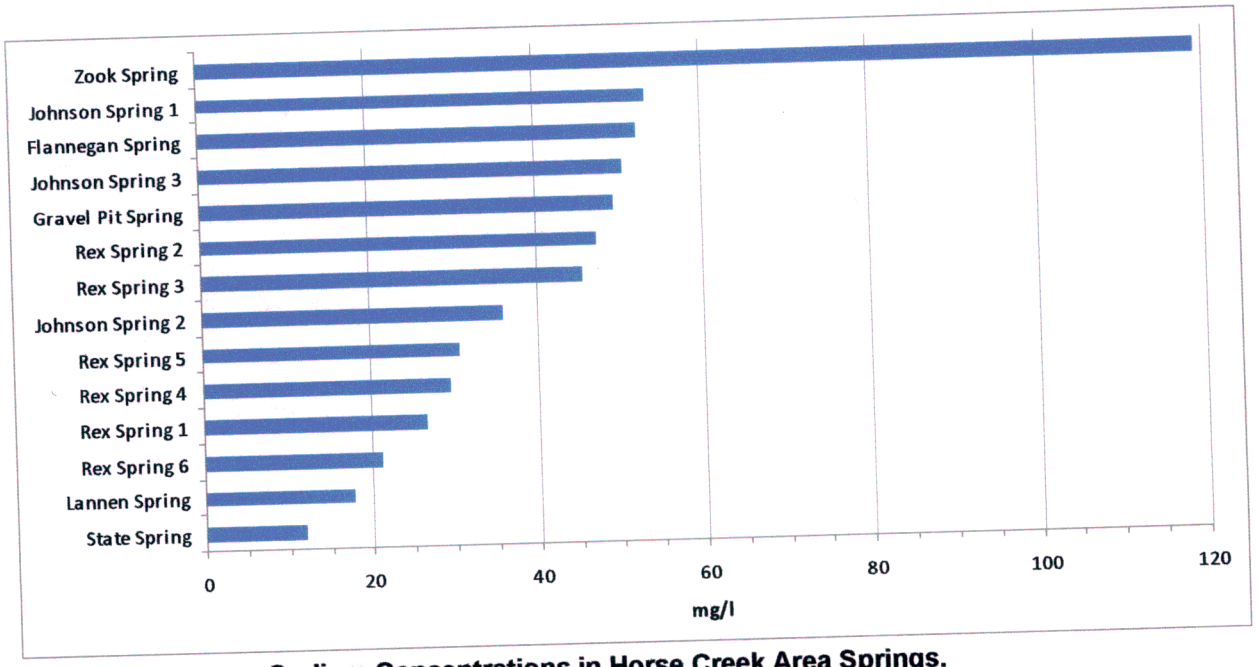


Figure 17. Average Sodium Concentrations in Horse Creek Area Springs.

Figure 18. Conductivity of Horse Creek Monitoring Stations

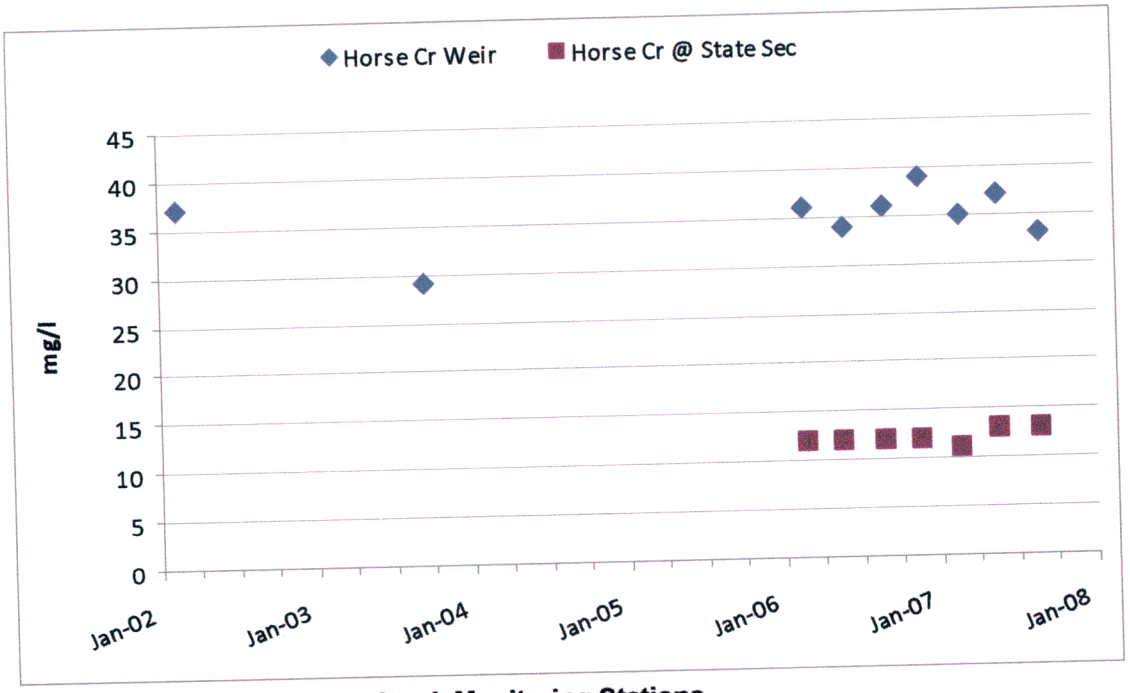


Figure 19. Sodium at Horse Creek Monitoring Stations.

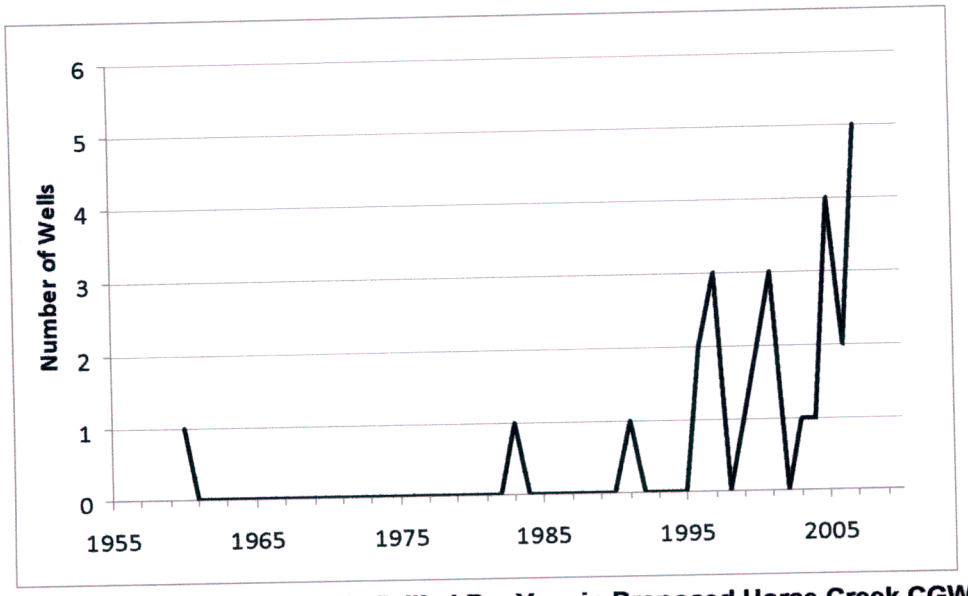


Figure 20. Number of Wells Drilled Per Year in Proposed Horse Creek CGWA, Per GWIC Records.

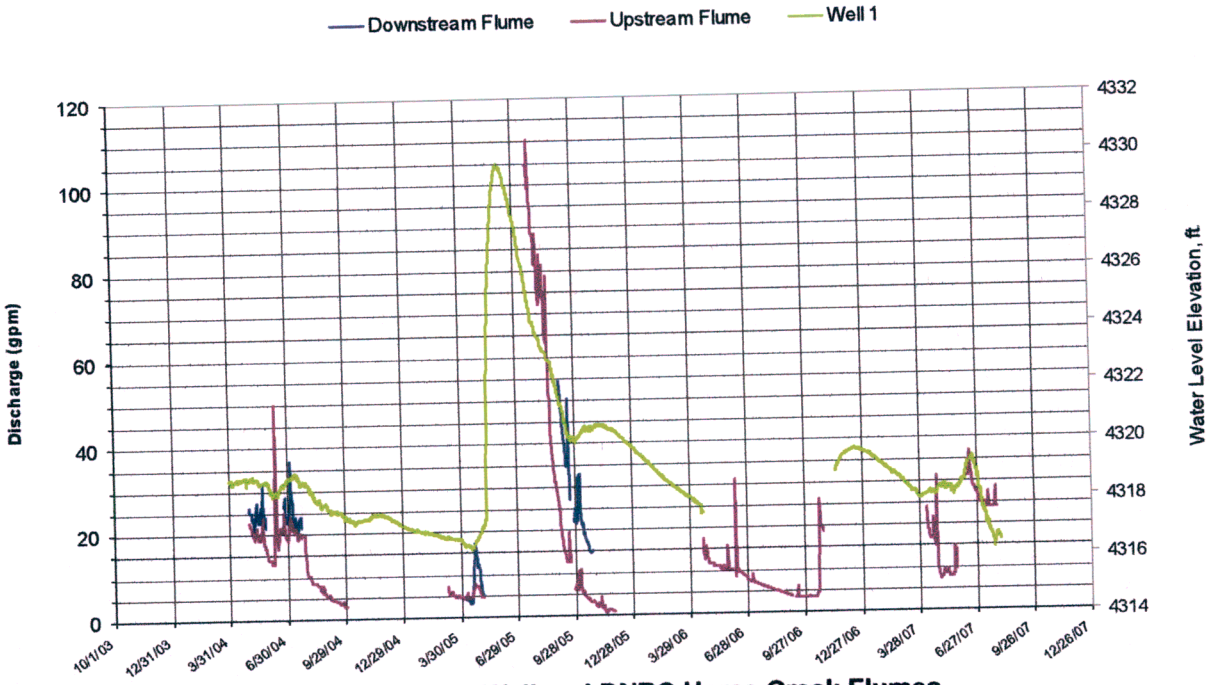


Figure 21. Hydrographs of Borland #1 Well and DNRC Horse Creek Flumes

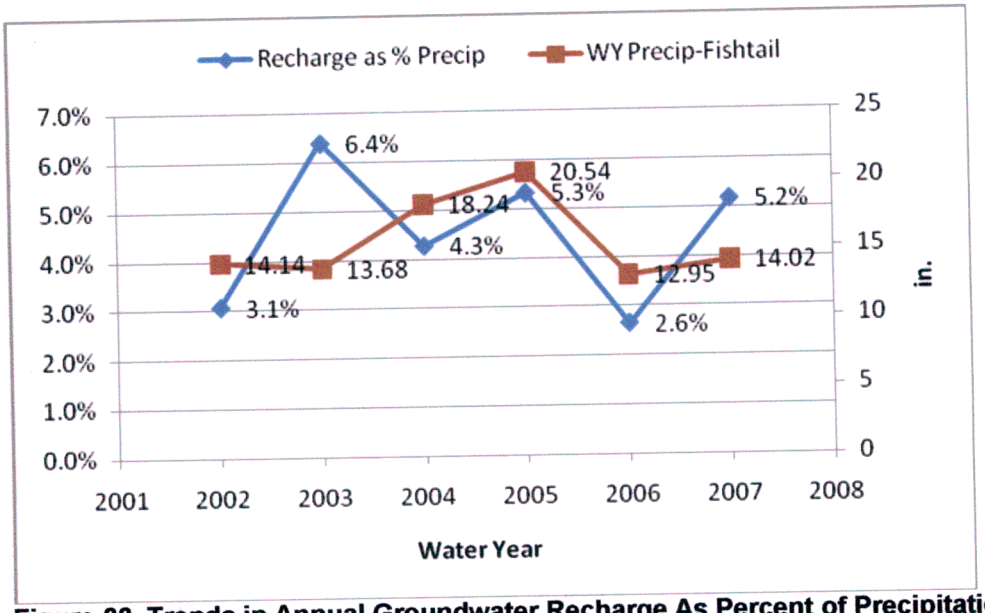


Figure 22. Trends in Annual Groundwater Recharge As Percent of Precipitation, Fishtail, MT.

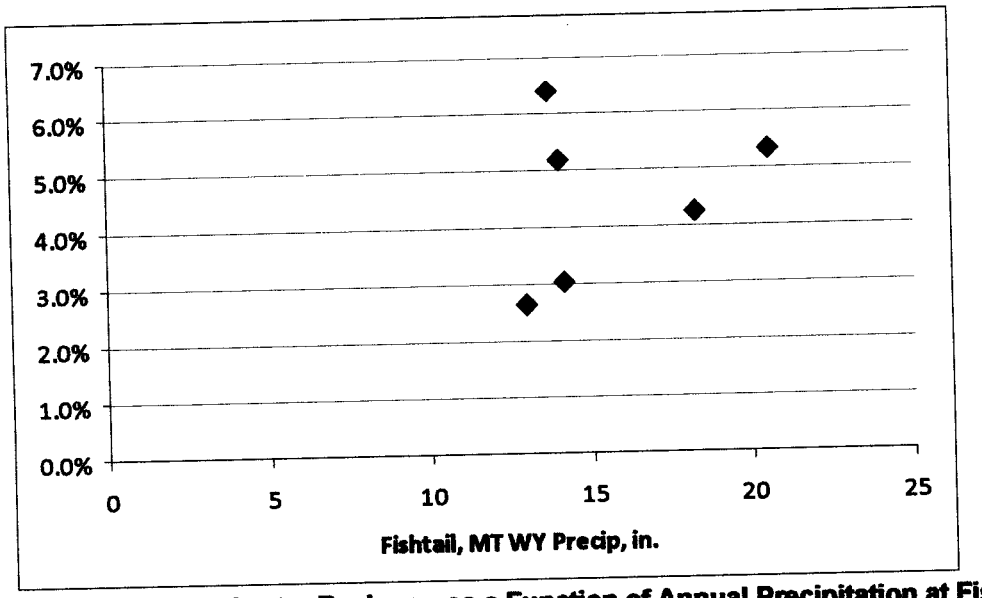
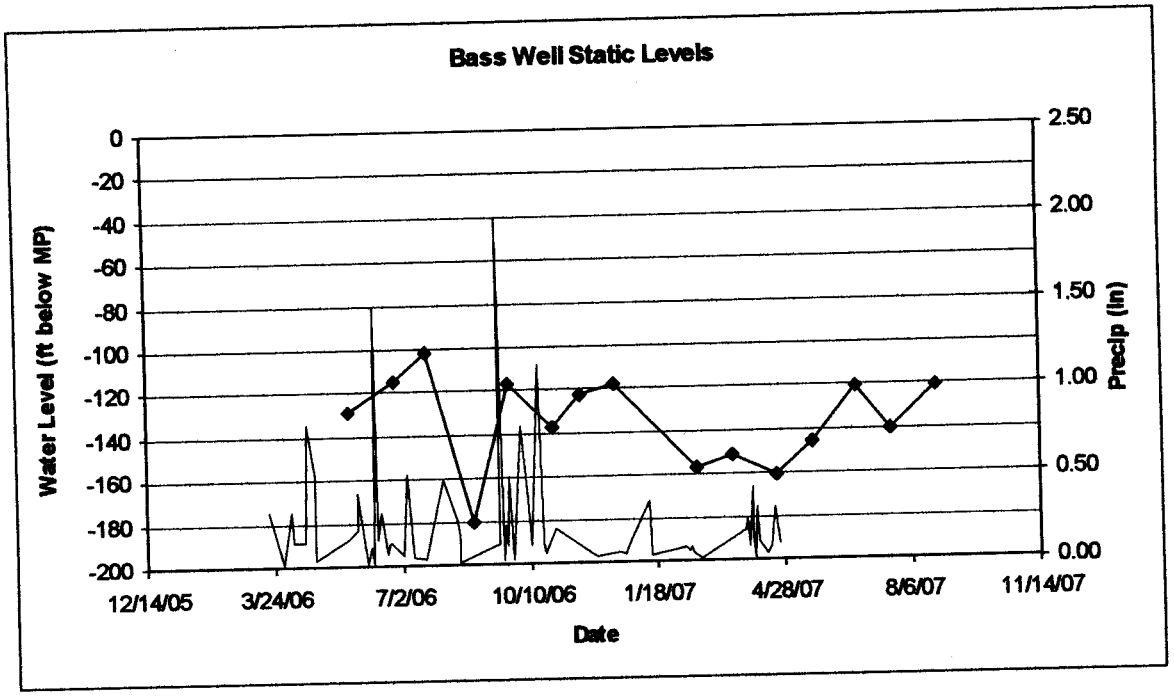
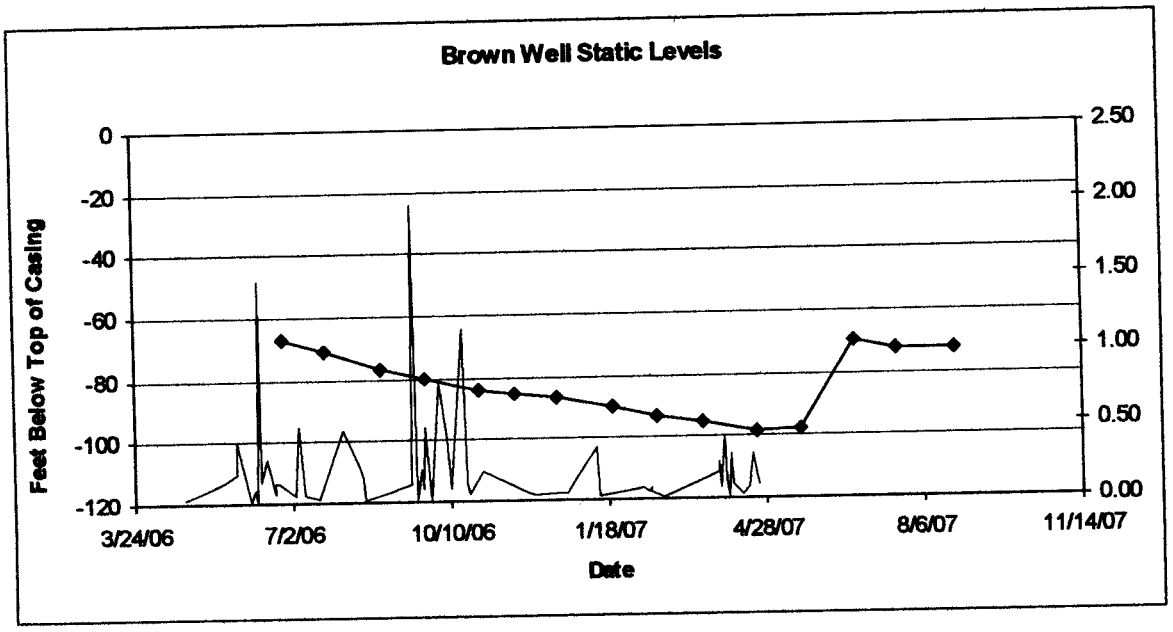
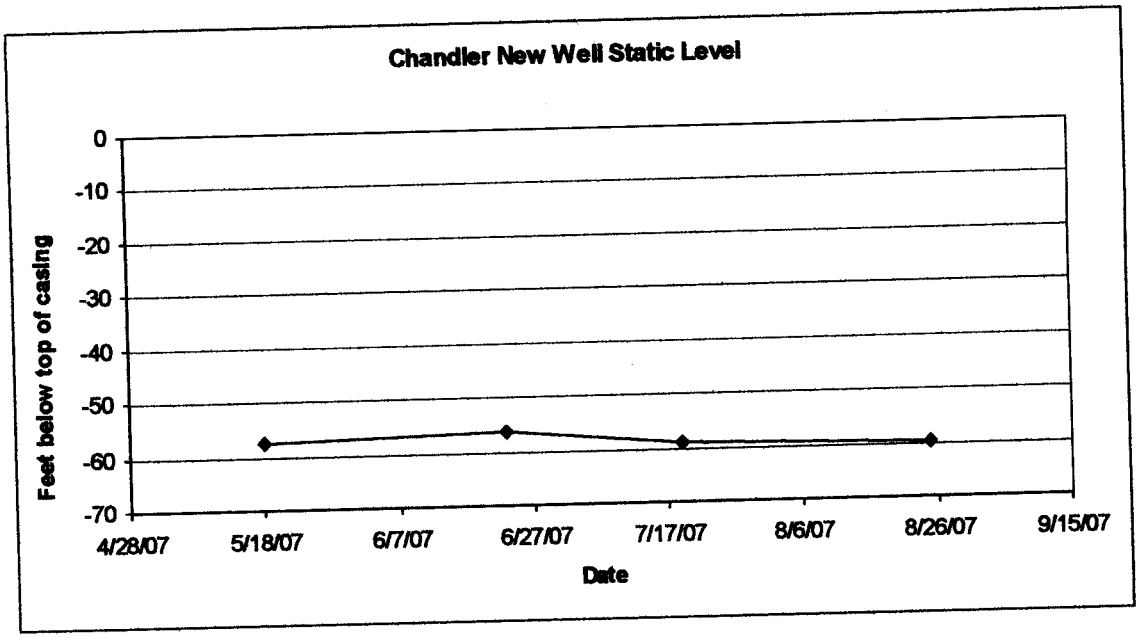


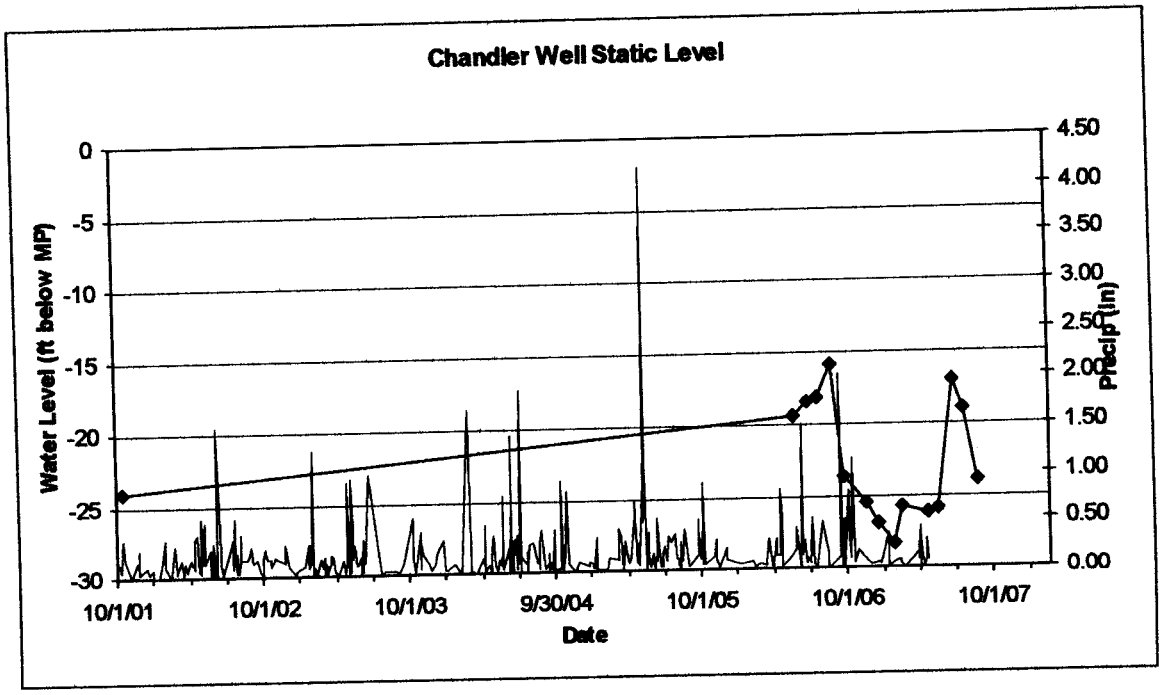
Figure 23. Groundwater Recharge as a Function of Annual Precipitation at Fishtail, MT.

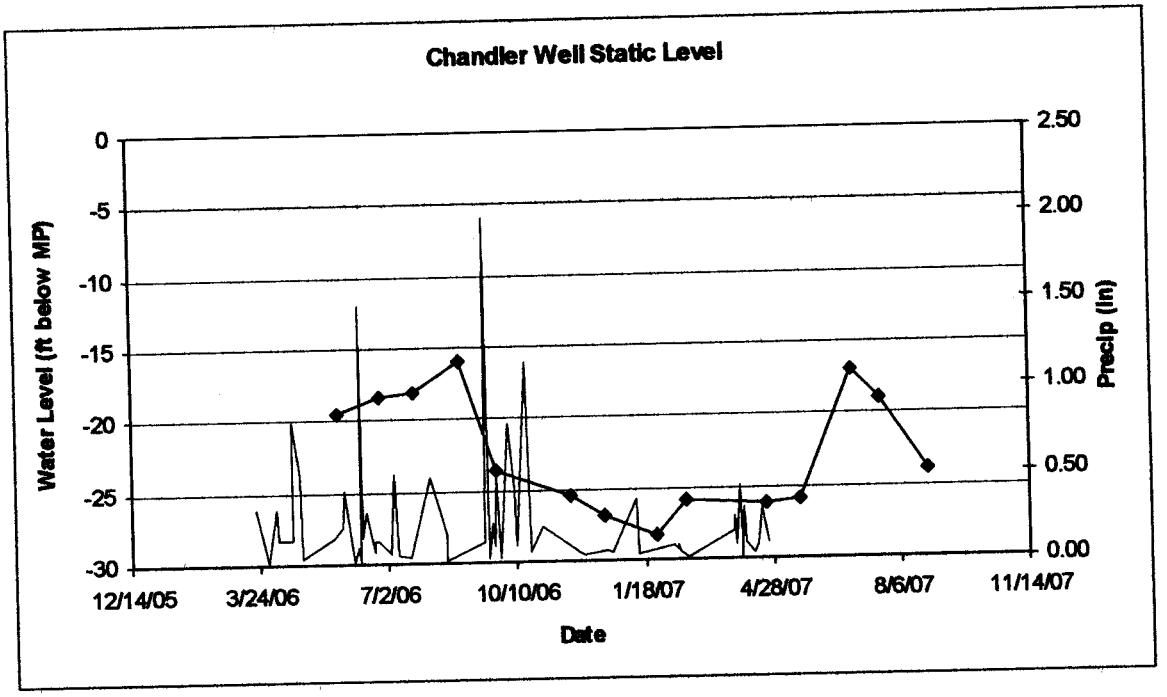
APPENDIX A
Groundwater Hydrographs

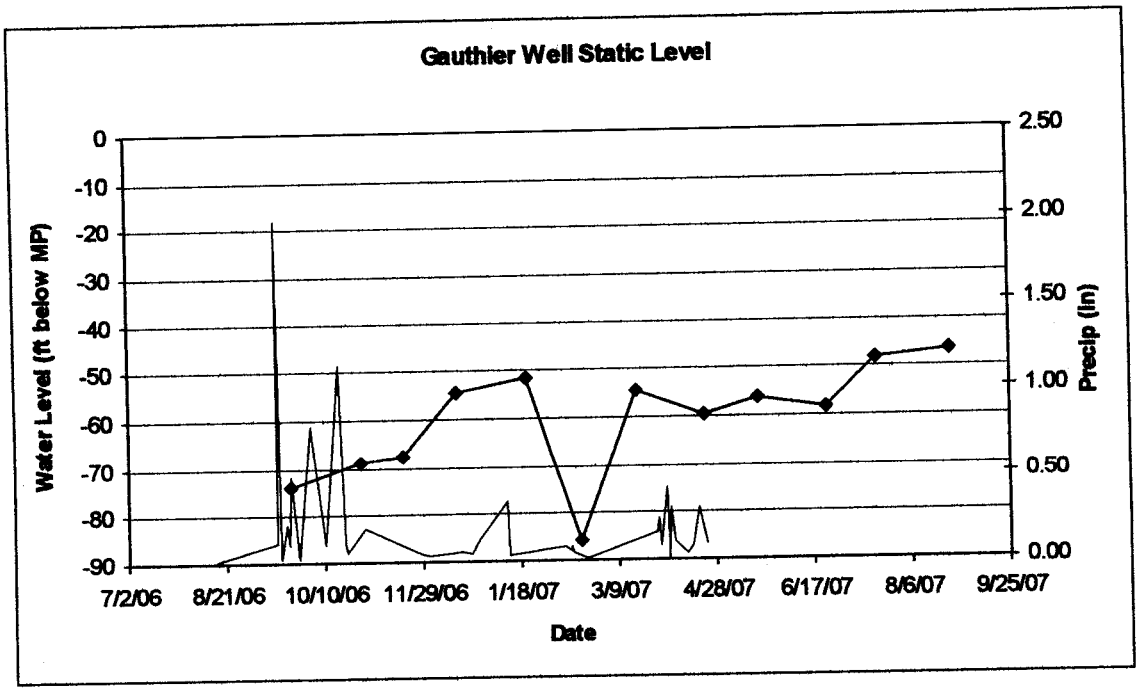

Bass Well Static Levels
Water Level (ft below MP)
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
2.50
2.00
1.50
1.00
0.50
0.00
Precip (in)
12/14/05
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
11/14/07
Date

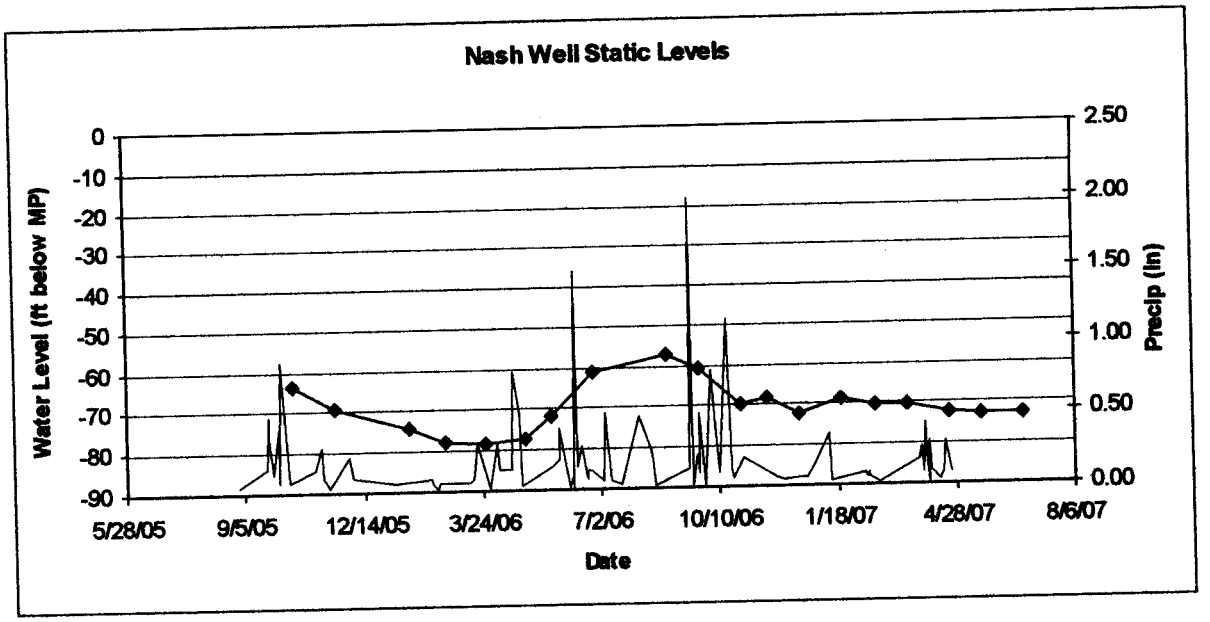

Brown Well Static Levels
Feet Below Top of Casing
0
-20
-40
-60
-80
-100
-120
2.50
2.00
1.50
1.00
0.50
0.00
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
11/14/07
Date

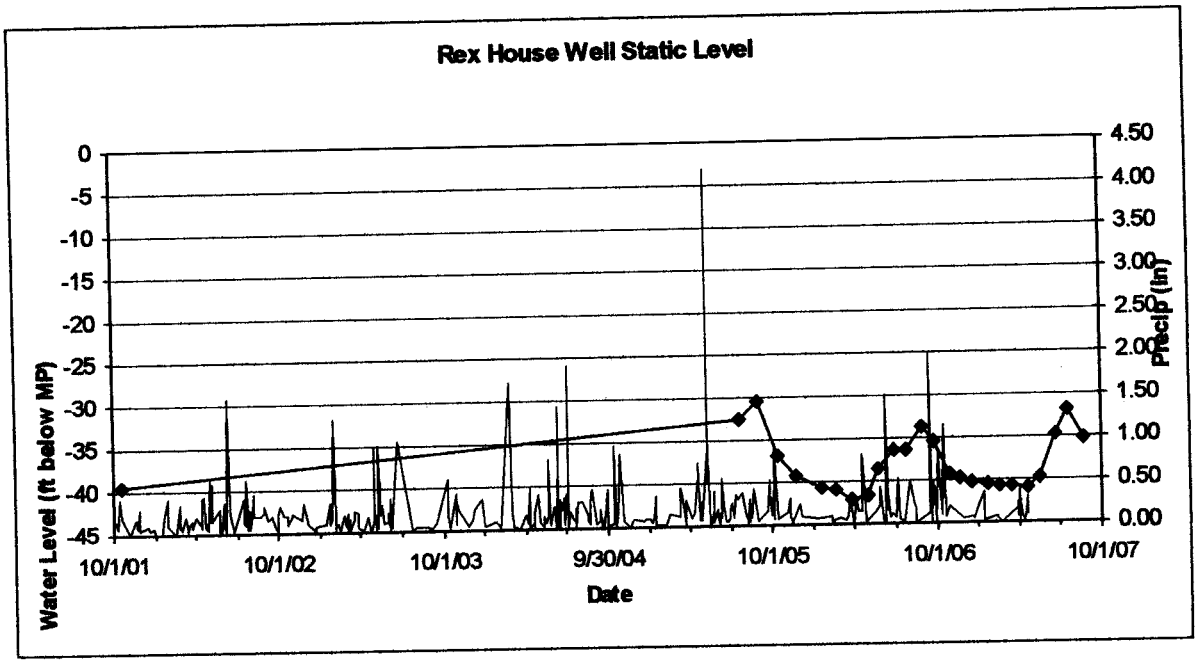

Chandler New Well Static Level
Feet below top of casing
0
-10
-20
-30
-40
-50
-60
-70
4/28/07
5/18/07
6/7/07
6/27/07
7/17/07
8/6/07
8/26/07
9/15/07
Date

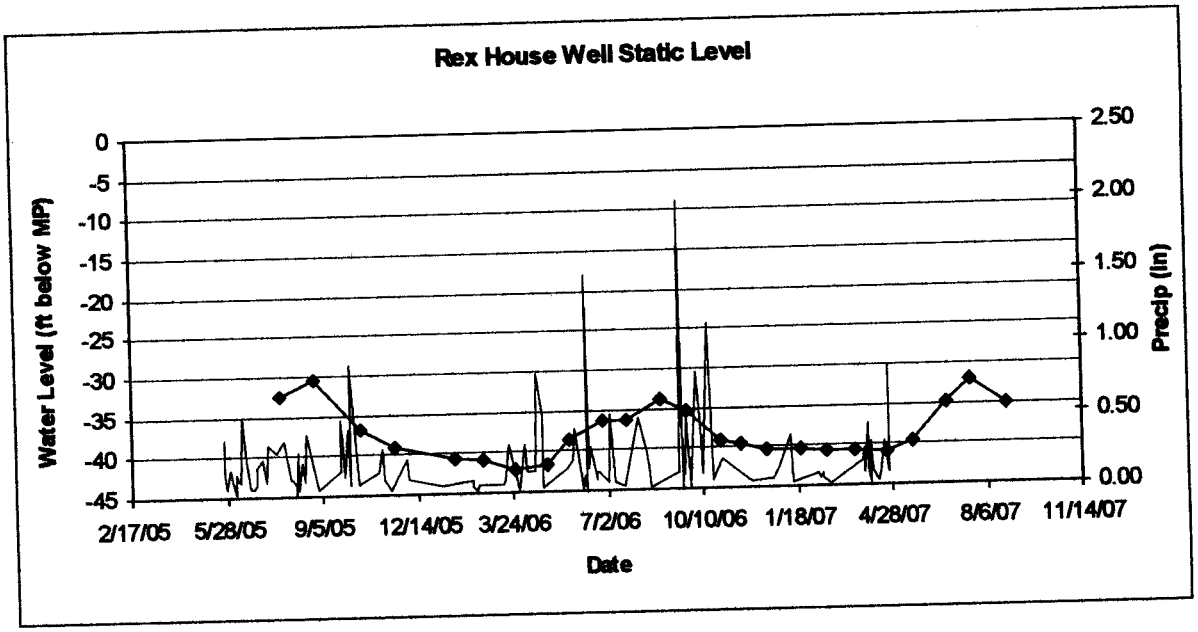

Chandler Well Static Level
Water Level (ft below MP)
0
-5
-10
-15
-20
-25
-30
Precip (in)
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
10/1/01
10/1/02
10/1/03
9/30/04
10/1/05
10/1/06
10/1/07
Date

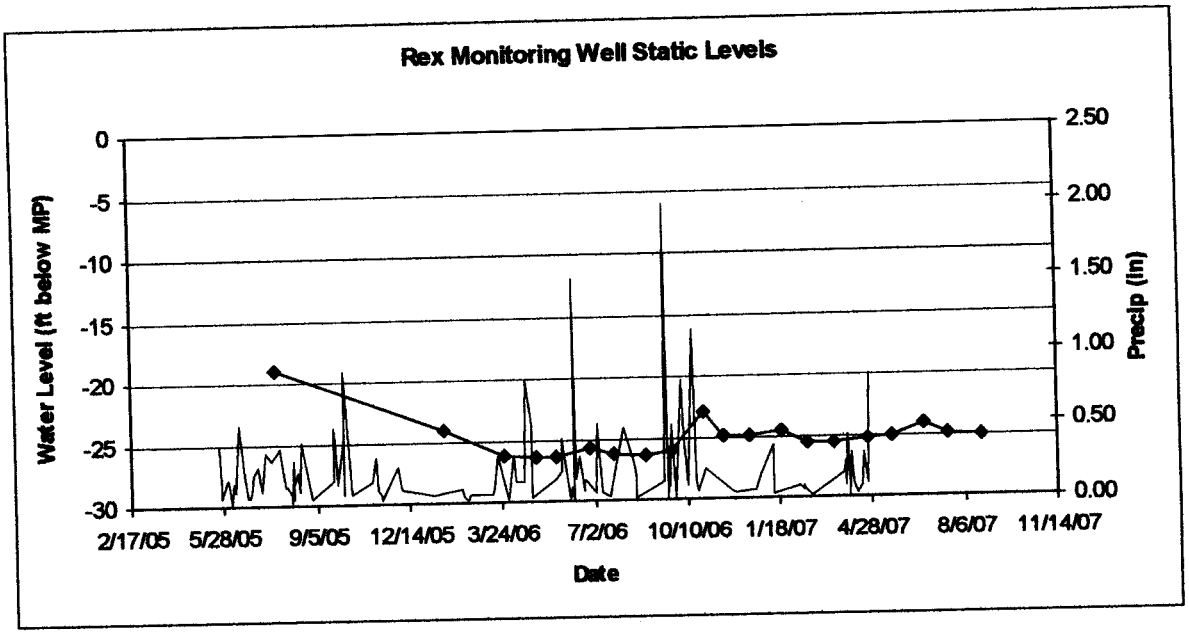

Chandler Well Static Level
Water Level (ft below MP)
0
-5
-10
-15
-20
-25
-30
Precip (in)
2.50
2.00
1.50
1.00
0.50
0.00
12/14/05
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
11/14/07
Date

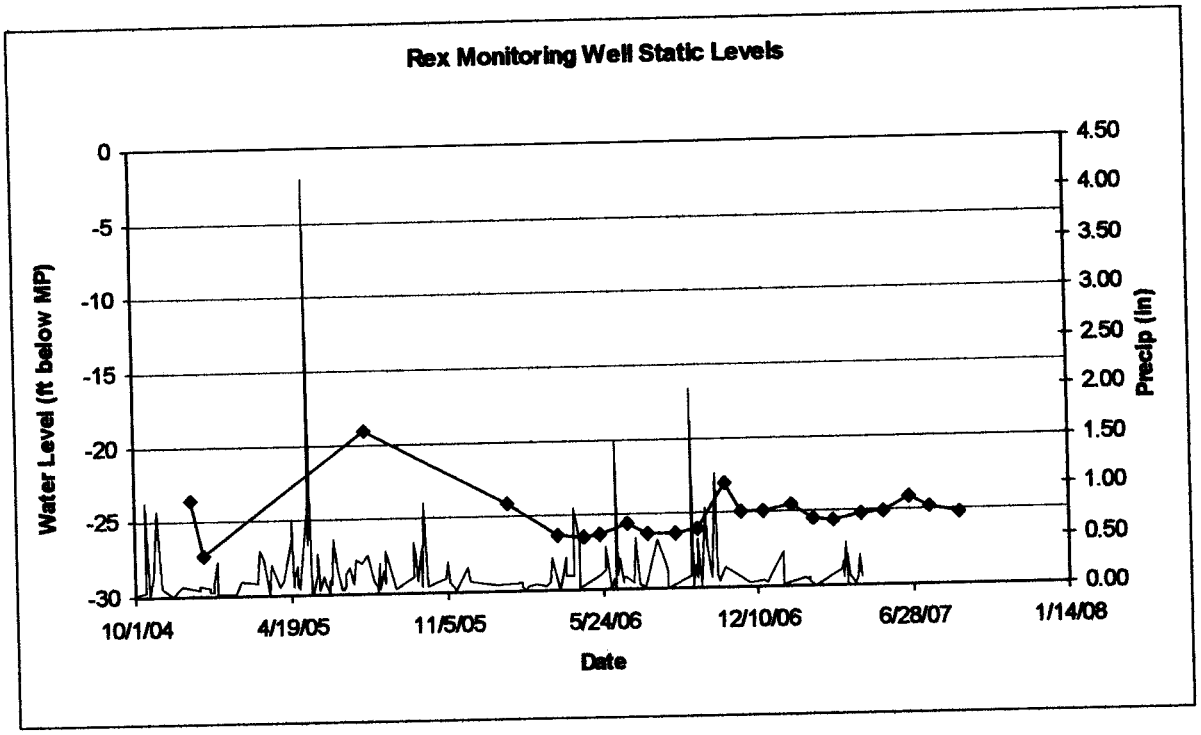

Gauthier Well Static Level
Water Level (ft below MP)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
Precip (in)
2.50
2.00
1.50
1.00
0.50
0.00
7/2/06
8/21/06
10/10/06
11/29/06
1/18/07
3/9/07
4/28/07
6/17/07
8/6/07
9/25/07
Date

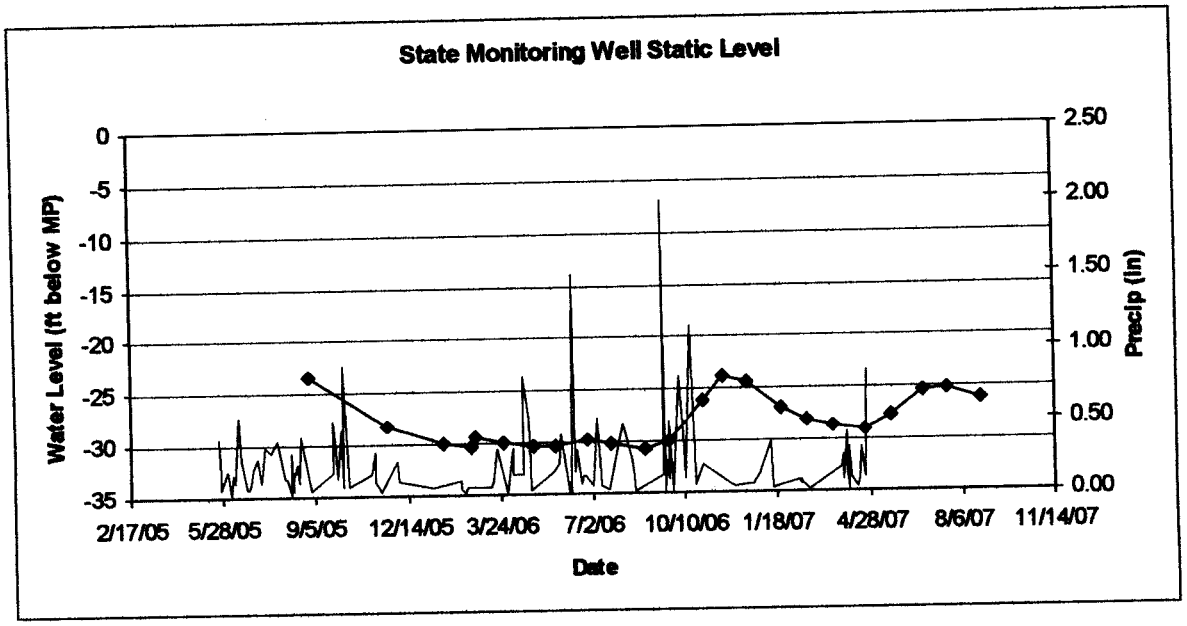

Nash Well Static Levels
Water Level (ft below MP)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
Precip (in)
2.50
2.00
1.50
1.00
0.50
0.00
5/28/05
9/5/05
12/14/05
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
Date

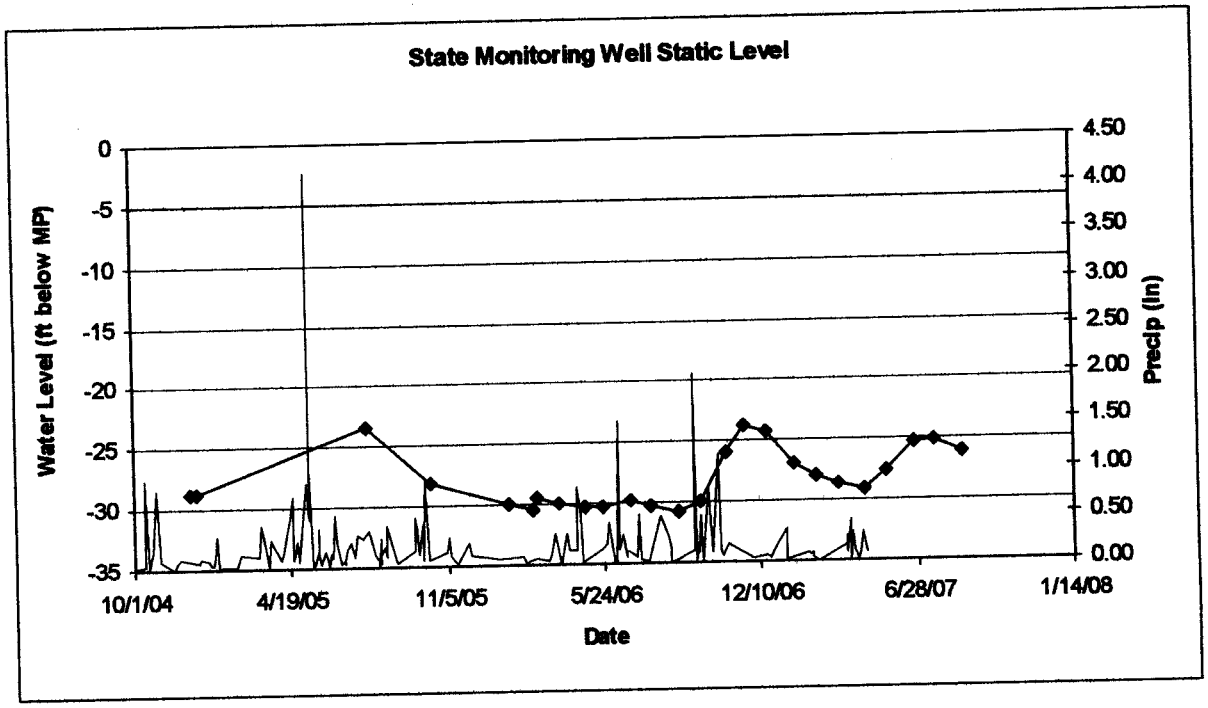

Rex House Well Static Level
Water Level (ft below MP)
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
Precip (in)
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
10/1/01
10/1/02
10/1/03
9/30/04
10/1/05
10/1/06
10/1/07
Date


Rex House Well Static Level
Water Level (ft below MP)
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
Precip (in)
2.50
2.00
1.50
1.00
0.50
0.00
2/17/05
5/28/05
9/5/05
12/14/05
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
11/14/07
Date

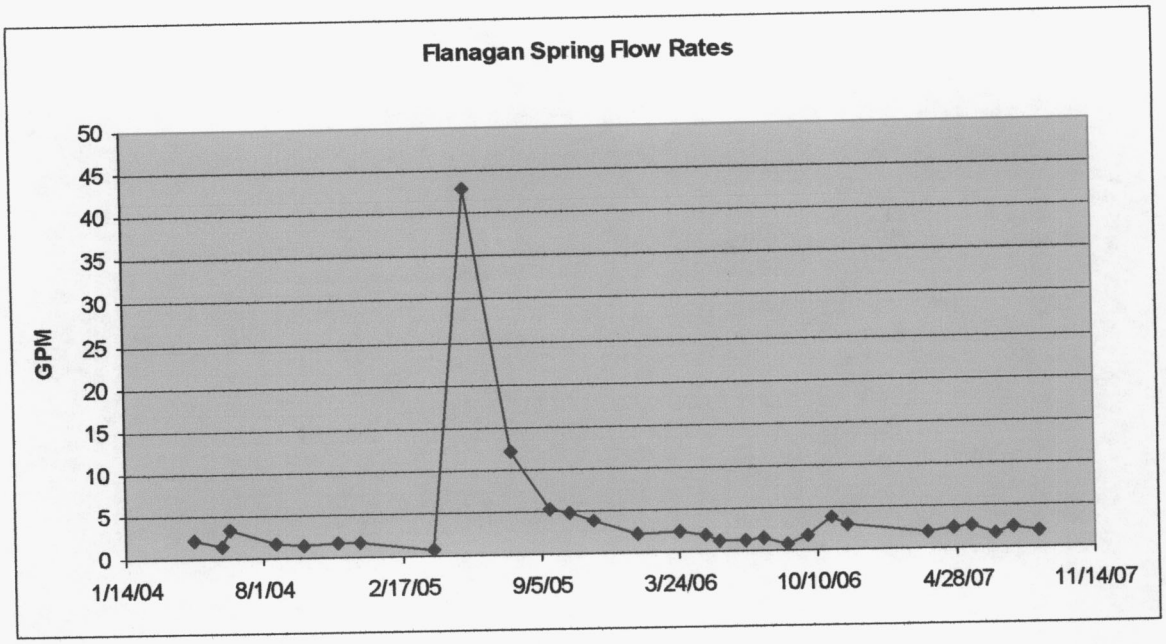

Rex Monitoring Well Static Levels
Water Level (ft below MP)
0
-5
-10
-15
-20
-25
-30
Precip (in)
2.50
2.00
1.50
1.00
0.50
0.00
2/17/05
5/28/05
9/5/05
12/14/05
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
11/14/07
Date

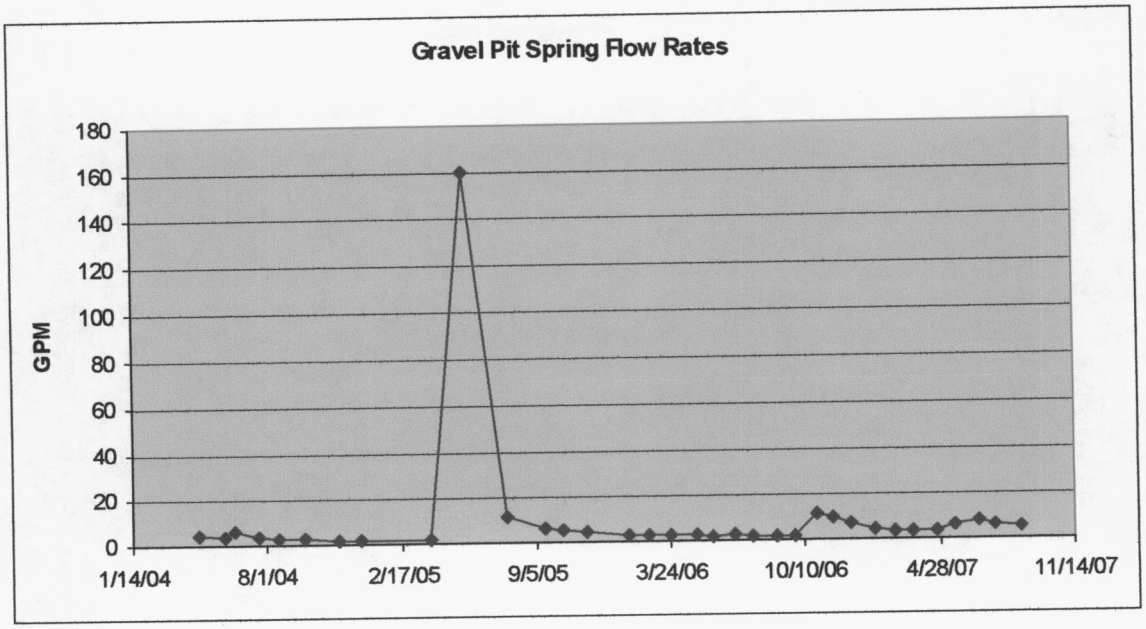

Rex Monitoring Well Static Levels
Water Level (ft below MP)
0
-5
-10
-15
-20
-25
-30
Precip (in)
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
10/1/04
4/19/05
11/5/05
5/24/06
12/10/06
6/28/07
1/14/08
Date

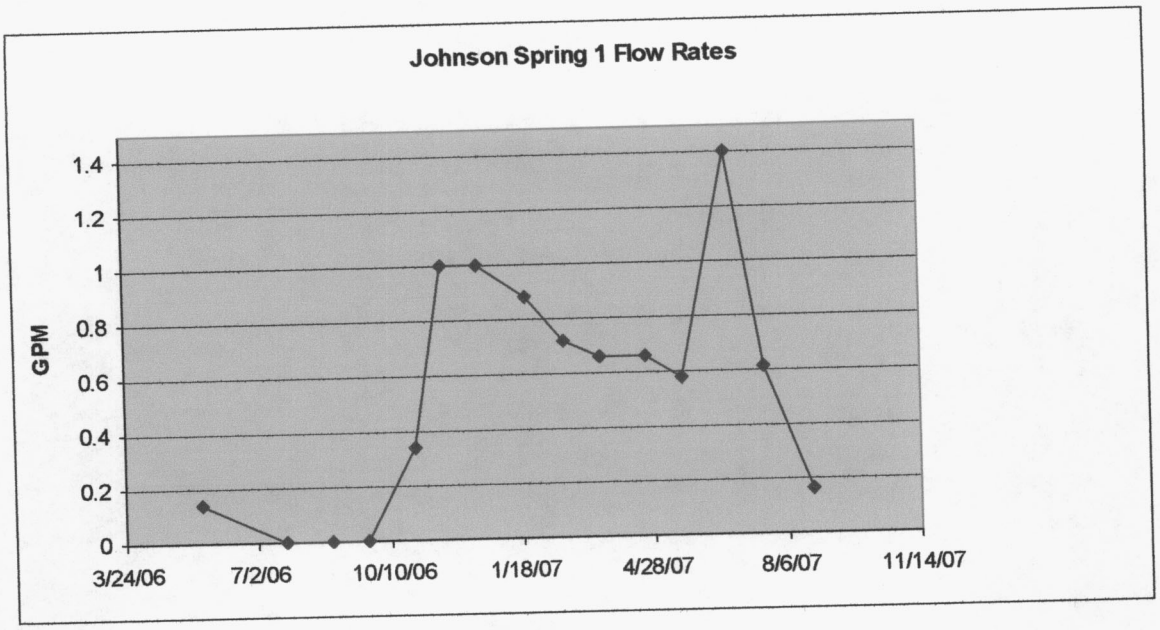

State Monitoring Well Static Level
Water Level (ft below MP)
0
-5
-10
-15
-20
-25
-30
-35
Precip (in)
2.50
2.00
1.50
1.00
0.50
0.00
2/17/05
5/28/05
9/5/05
12/14/05
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
11/14/07
Date

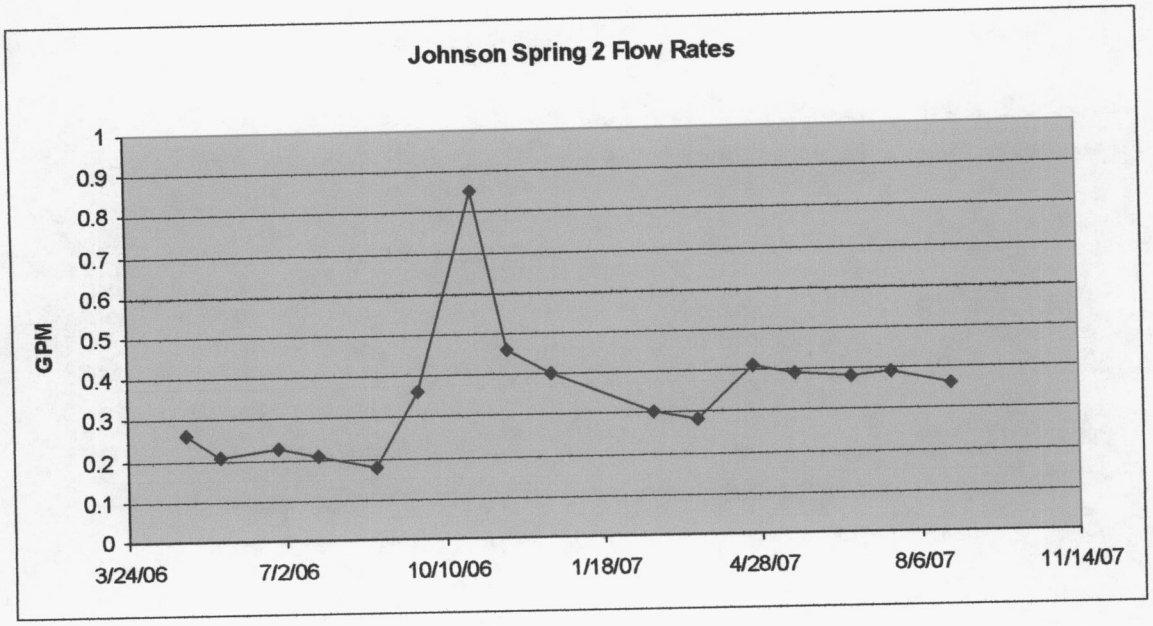

State Monitoring Well Static Level
Water Level (ft below MP)
0
-5
-10
-15
-20
-25
-30
-35
Precip (in)
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
10/1/04
4/19/05
11/5/05
5/24/06
12/10/06
6/28/07
1/14/08
Date

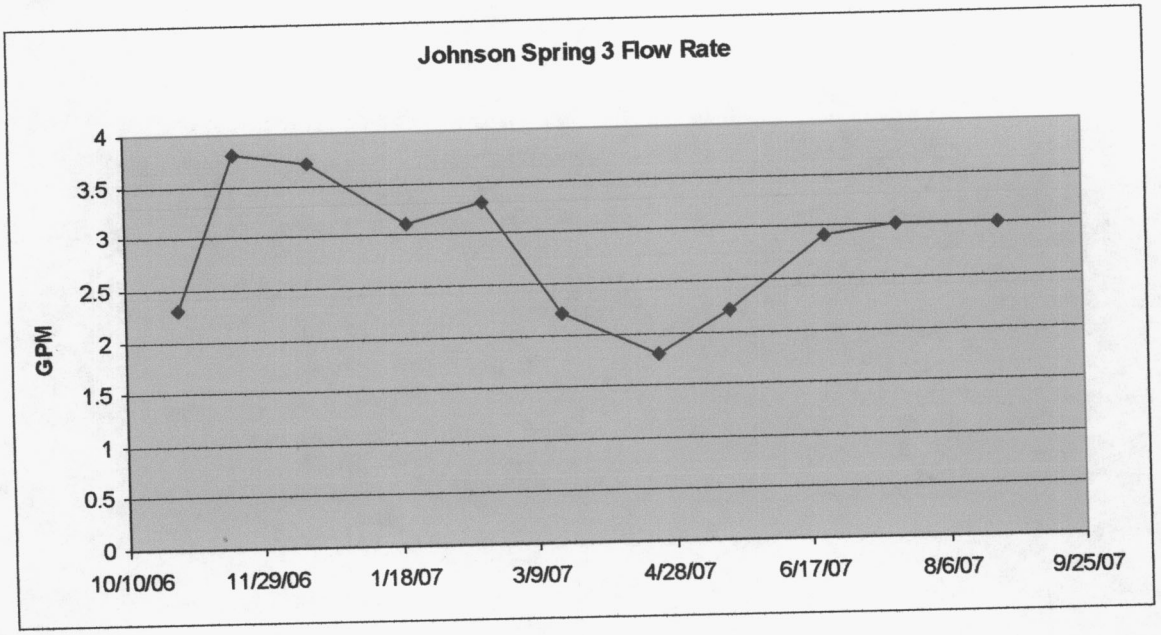
APPENDIX B
Spring Hydrographs

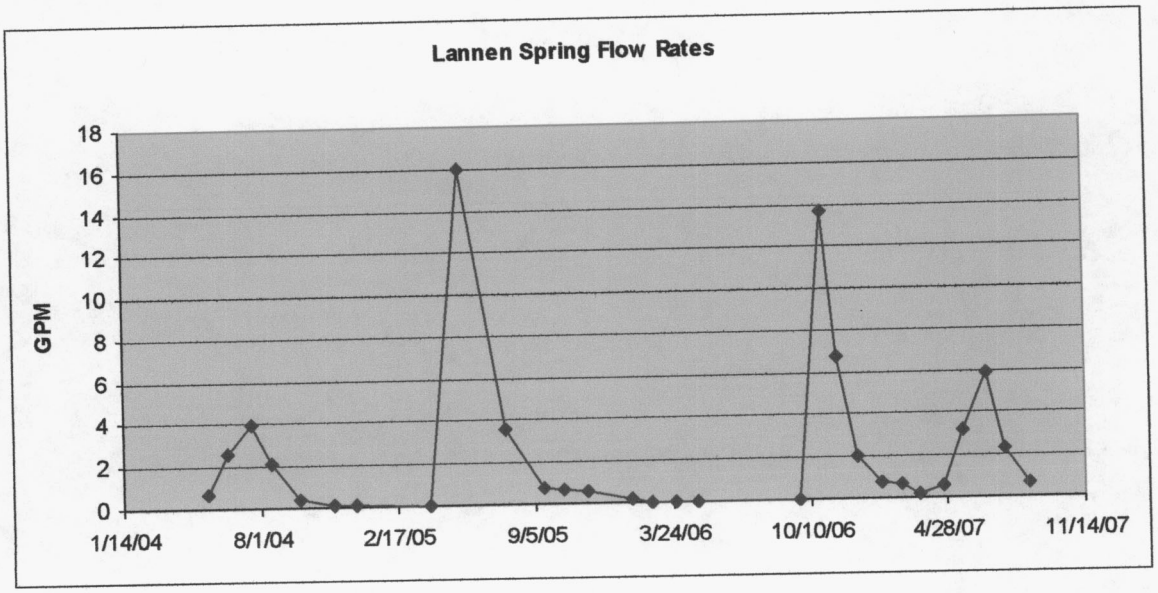

Flanagan Spring Flow Rates
GPM
50
45
40
35
30
25
20
15
10
5
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07

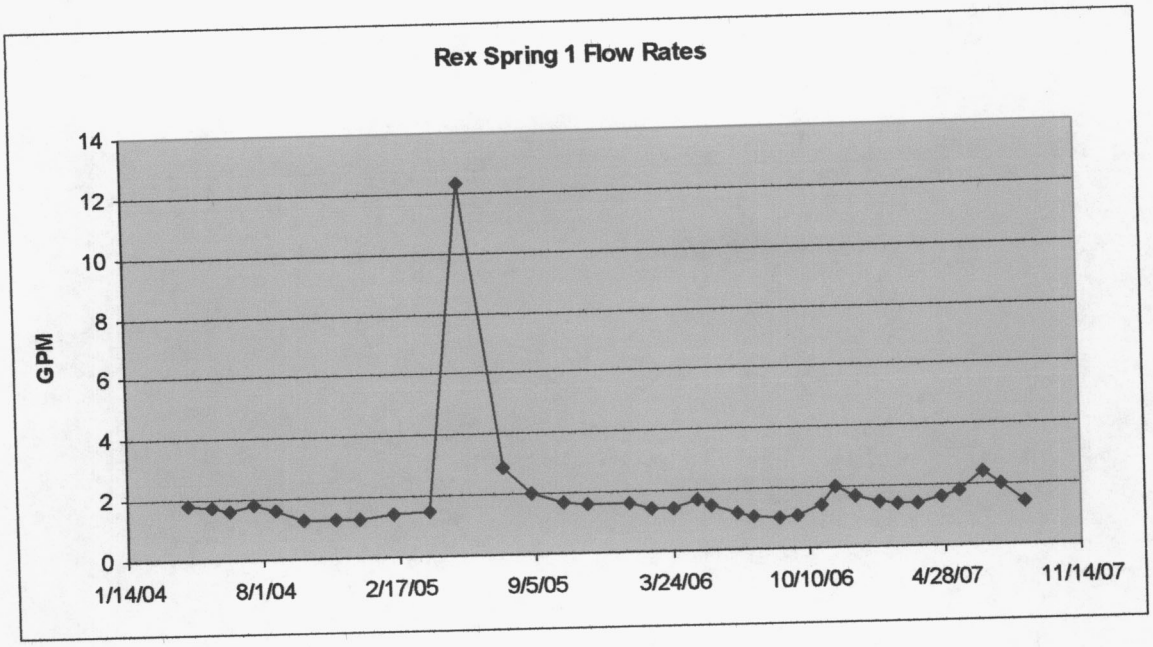

Gravel Pit Spring Flow Rates
GPM
180
160
140
120
100
80
60
40
20
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07

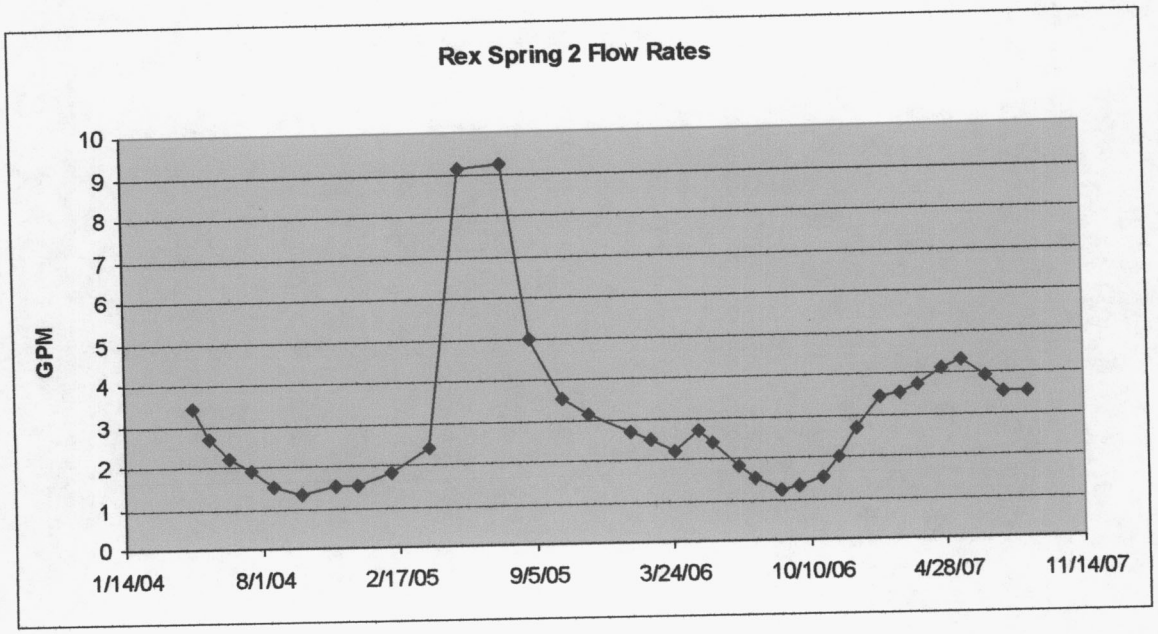

Johnson Spring 1 Flow Rates
GPM
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
11/14/07

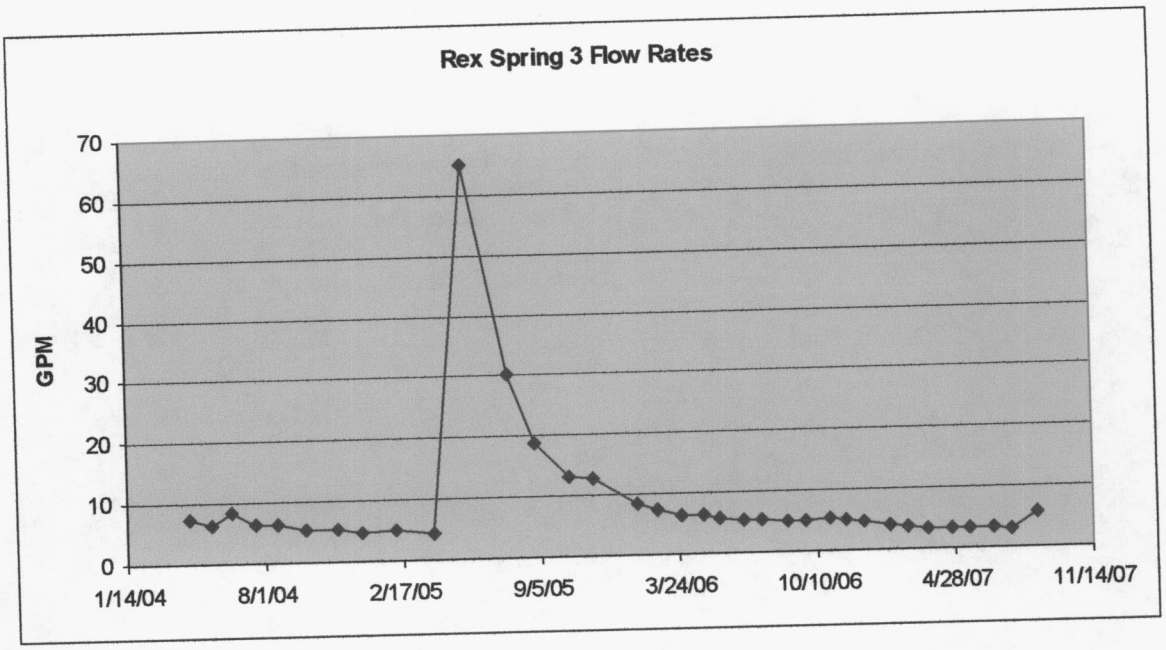

Johnson Spring 2 Flow Rates
GPM
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
3/24/06
7/2/06
10/10/06
1/18/07
4/28/07
8/6/07
11/14/07

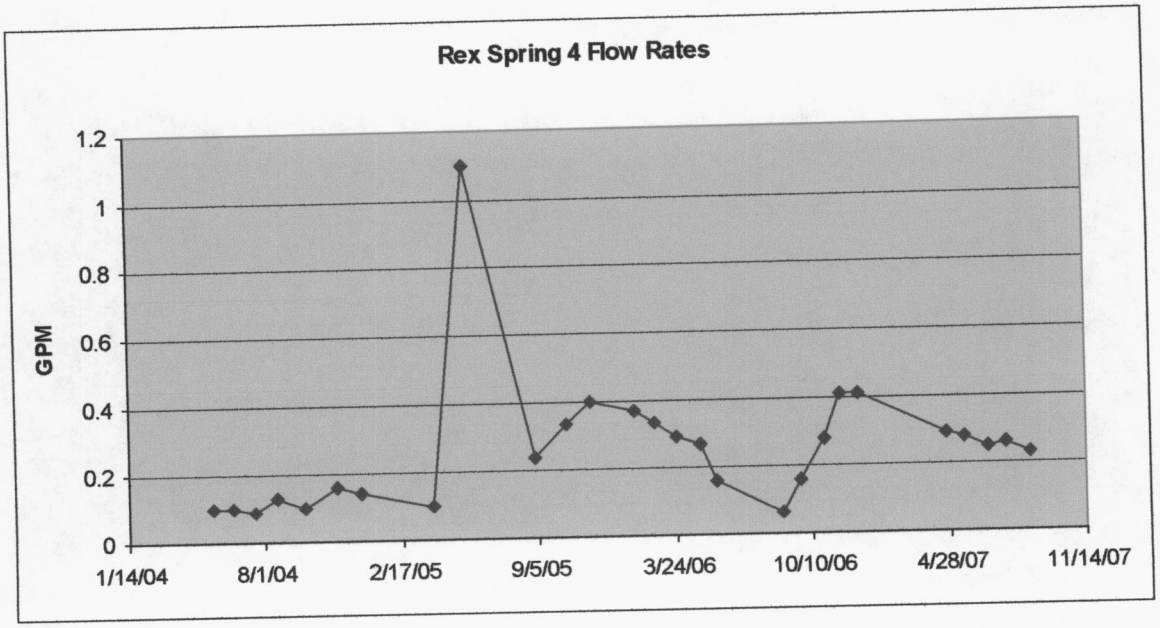

Johnson Spring 3 Flow Rate
GPM
4
3.5
3
2.5
2
1.5
1
0.5
0
10/10/06
11/29/06
1/18/07
3/9/07
4/28/07
6/17/07
8/6/07
9/25/07

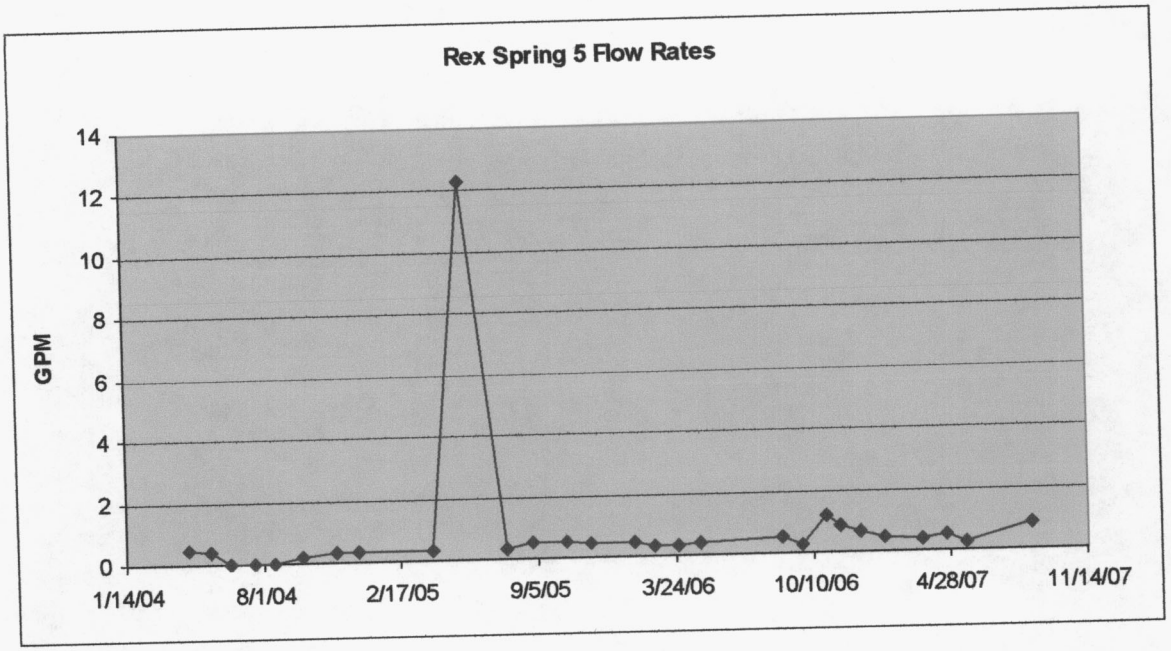

Lannen Spring Flow Rates
GPM
18
16
14
12
10
8
6
4
2
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07

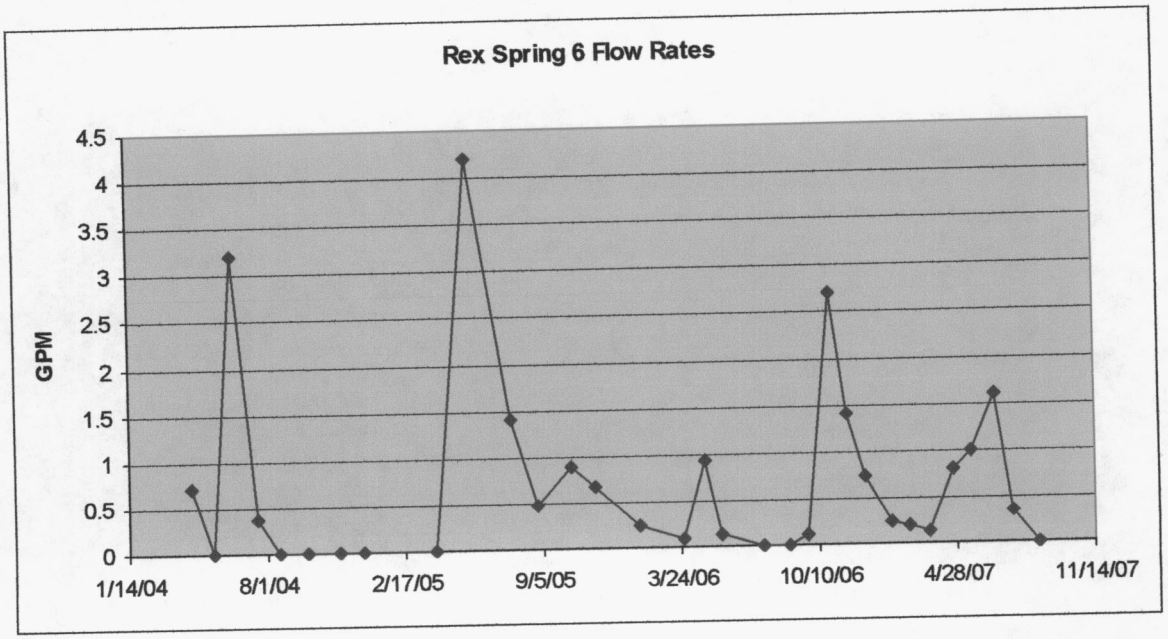

Rex Spring 1 Flow Rates
GPM
14
12
10
8
6
4
2
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07

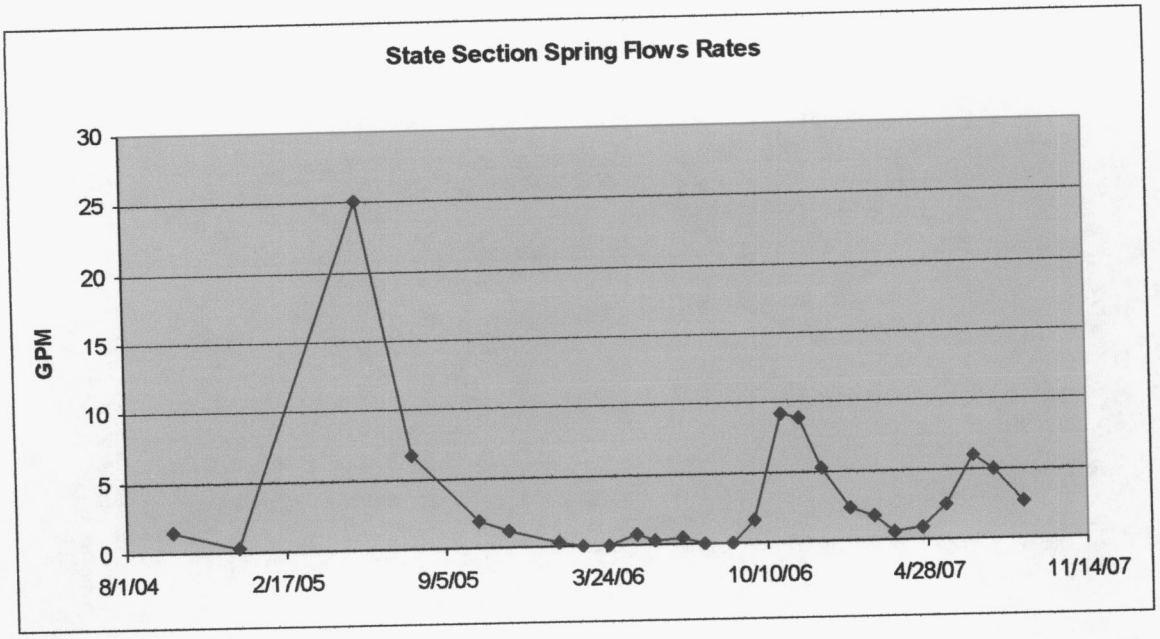

Rex Spring 2 Flow Rates
GPM
10
9
8
7
6
5
4
3
2
1
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07

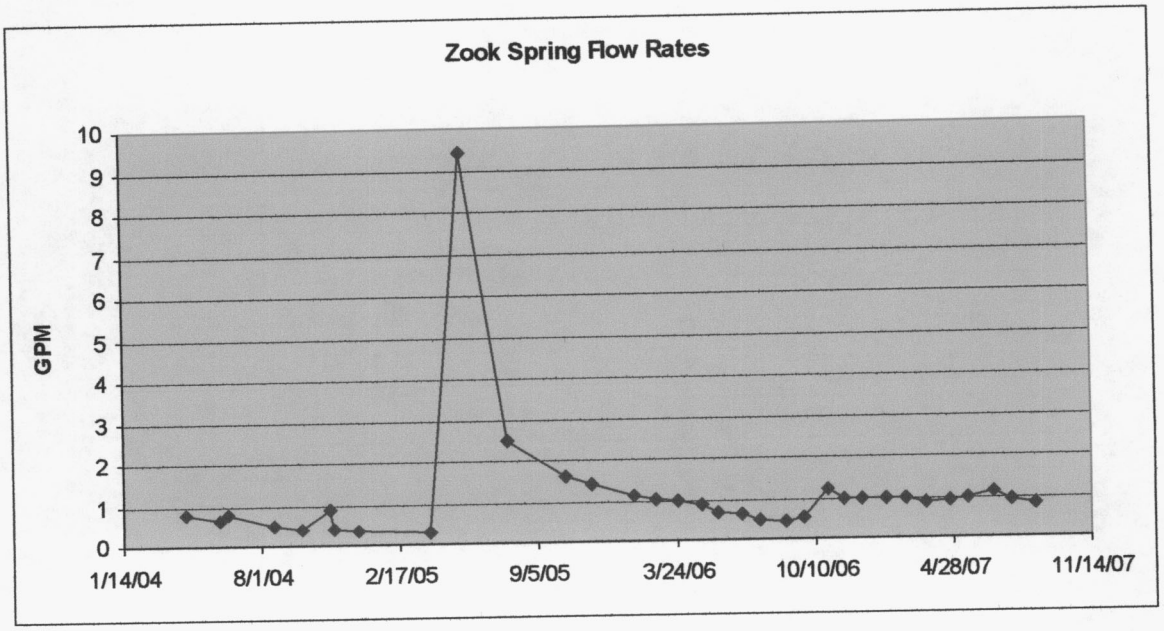

Rex Spring 3 Flow Rates
GPM
70
60
50
40
30
20
10
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07


Rex Spring 4 Flow Rates
GPM
1.2
1
0.8
0.6
0.4
0.2
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07


Rex Spring 5 Flow Rates
GPM
14
12
10
8
6
4
2
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07


Rex Spring 6 Flow Rates
GPM
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07


State Section Spring Flows Rates
GPM
30
25
20
15
10
5
0
8/1/04
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07


Zook Spring Flow Rates
GPM
10
9
8
7
6
5
4
3
2
1
0
1/14/04
8/1/04
2/17/05
9/5/05
3/24/06
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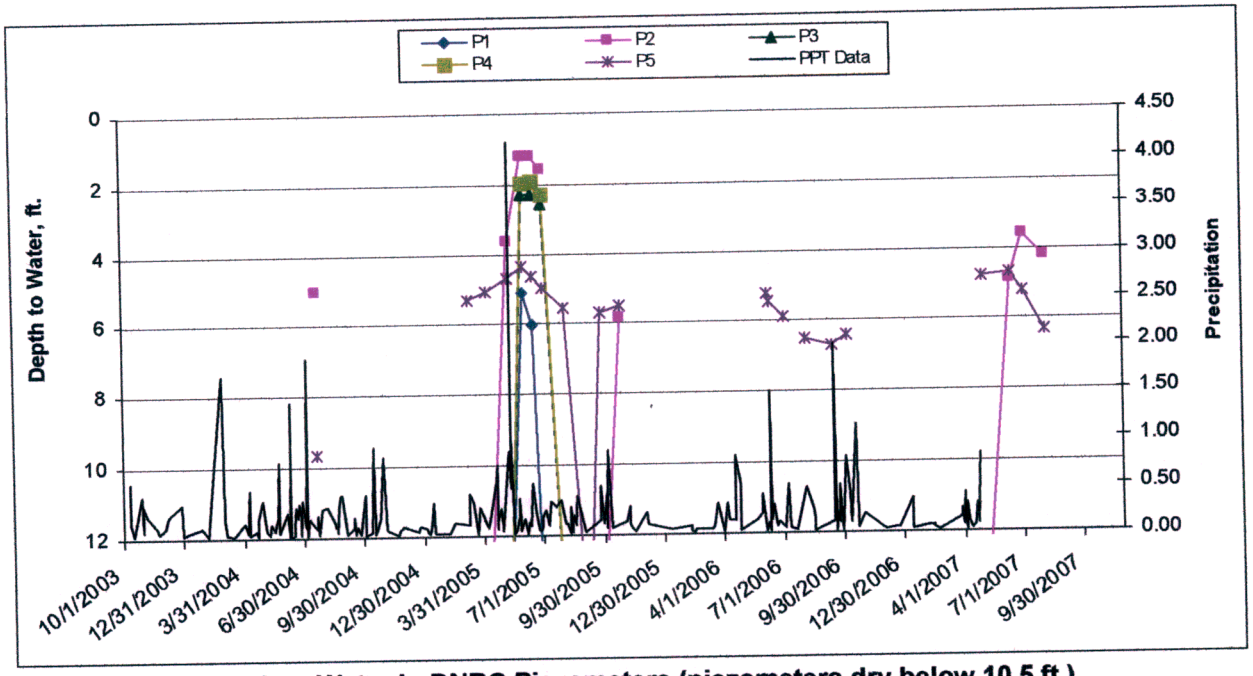
4/28/07
11/14/07



Depth to Water in DNRC Piezometers (piezometers dry below 10.5 ft.)

APPENDIX C
Water Quality Data

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDati	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Zinc	ND		mg/L	0.01	E200.8
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Chloride		2	mg/L	1	E300.0
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Nitrogen, Nitrate+Nitrite as N		0.11	mg/L	0.05	E353.2
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	pH		7.7	s.u.	0.1	E150.1
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Solids, Total Dissolved TDS @ 180 C		219	mg/L	10	A2540 C
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Carbonate as CO3	ND		mg/L	4	A2320 B
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Arsenic	ND		mg/L	0.005	E200.8
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Barium		0.1	mg/L	0.1	E200.8
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Sulfate		17	mg/L	1	E300.0
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Manganese		0.09	mg/L	0.01	E200.8
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Bicarbonate as HCO3		278	mg/L	4	A2320 B
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Magnesium		10	mg/L	1	E200.7
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Hardness as CaCO3		137	mg/L	1	A2340 B
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Conductivity		416	umhos/cm	1	A2510 B
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Sodium		37	mg/L	1	E200.7
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Calcium		39	mg/L	1	E200.7
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Iron		0.86	mg/L	0.03	E200.7
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Alkalinity, Total as CaCO3		228	mg/L	4	A2320 B
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Lead	ND		mg/L	0.01	E200.8
B02020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Potassium		1	mg/L	1	E200.7
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Nitrogen, Nitrate+Nitrite as N		0.4	mg/L	0.05	E353.2
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Carbonate as CO3	ND		mg/L	4	A2320 B
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Alkalinity, Total as CaCO3		247	mg/L	4	A2320 B
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	pH		7.2	s.u.	0.1	E150.1
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Conductivity		475	umhos/cm	1	A2510 B
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Zinc	ND		mg/L	0.01	E200.8
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Bicarbonate as HCO3		302	mg/L	4	A2320 B
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Chloride		2	mg/L	1	E300.0
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Sulfate		23	mg/L	1	E300.0
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Arsenic	ND		mg/L	0.005	E200.8
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Barium	ND		mg/L	0.1	E200.8
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Manganese	ND		mg/L	0.01	E200.8
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Hardness as CaCO3		145	mg/L	1	A2340 B
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Solids, Total Dissolved TDS @ 180 C		228	mg/L	10	A2540 C
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Calcium		39	mg/L	1	E200.7
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Iron	ND		mg/L	0.03	E200.7
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Magnesium		12	mg/L	1	E200.7
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Potassium	ND		mg/L	1	E200.7
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Sodium		45	mg/L	1	E200.7
B02020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Lead	ND		mg/L	0.01	E200.8
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Chloride		1	mg/L	1	E300.0
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	pH		7.7	s.u.	0.1	E150.1
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Conductivity		406	umhos/cm	1	A2510 B
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		182	mg/L	3	A2320 B
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Bicarbonate as HCO3		223	mg/L	3	A2320 B
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		215	mg/L	10	A2540 C
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Sulfate		22	mg/L	1	E300.0
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Hardness as CaCO3		95	mg/L	1	A2340 B
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Magnesium		8	mg/L	1	E200.7
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Potassium	ND		mg/L	1	E200.7
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Sodium		39	mg/L	1	E200.7
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Calcium		25	mg/L	1	E200.7
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		1.73		0.01	Calculation
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.21	mg/L	0.05	E353.2
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Conductivity		437	umhos/cm	1	A2510 B
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Chloride		2	mg/L	1	E300.0
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	pH		7.5	s.u.	0.1	E150.1
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sulfate		18	mg/L	1	E300.0
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		244	mg/L	10	A2540 C
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		204	mg/L	3	A2320 B
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Bicarbonate as HCO3		249	mg/L	3	A2320 B
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Hardness as CaCO3		95	mg/L	1	A2340 B
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Calcium		24	mg/L	1	E200.7
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Magnesium		9	mg/L	1	E200.7
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Potassium		2	mg/L	1	E200.7
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sodium		47	mg/L	1	E200.7
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		2.09		0.01	Calculation
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.16	mg/L	0.05	E353.2
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		178	mg/L	10	A2540 C
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Sulfate		9	mg/L	1	E300.0
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Chloride		1	mg/L	1	E300.0
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	pH		7.4	s.u.	0.1	E150.1
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Bicarbonate as HCO3		183	mg/L	3	A2320 B
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		150	mg/L	3	A2320 B
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Conductivity		321	umhos/cm	1	A2510 B
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		0.7		0.01	Calculation
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Sodium		17	mg/L	1	E200.7
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Potassium	ND		mg/L	1	E200.7
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Magnesium		9	mg/L	1	E200.7
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Calcium		29	mg/L	1	E200.7
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Hardness as CaCO3		111	mg/L	1	A2340 B
B03090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.55	mg/L	0.05	E353.2
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	pH		7.7	s.u.	0.1	E150.1
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Sulfate		13	mg/L	1	E300.0
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		193	mg/L	3	A2320 B
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Conductivity		400	umhos/cm	1	A2510 B
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Bicarbonate as HCO3		236	mg/L	3	A2320 B
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		227	mg/L	10	A2540 C
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Chloride		2	mg/L	1	E300.0
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Hardness as CaCO3		120	mg/L	1	A2340 B
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Sodium		29	mg/L	1	E200.7
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Calcium		34	mg/L	1	E200.7
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Magnesium		9	mg/L	1	E200.7
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		1.15		0.01	Calculation
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Potassium		1	mg/L	1	E200.7
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.08	mg/L	0.05	E353.2
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Conductivity		523	umhos/cm	1	A2510 B
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		228	mg/L	3	A2320 B
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Bicarbonate as HCO3		278	mg/L	3	A2320 B
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		296	mg/L	10	A2540 C
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Chloride		3	mg/L	1	E300.0
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Sulfate		33	mg/L	1	E300.0
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	pH		7.6	s.u.	0.1	E150.1
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Hardness as CaCO3		7	mg/L	1	A2340 B
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		17.8		0.01	Calculation
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Magnesium	ND		mg/L	1	E200.7
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Calcium		2	mg/L	1	E200.7
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Potassium	ND		mg/L	1	E200.7
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Sodium		105	mg/L	1	E200.7
B03090735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.07	mg/L	0.05	E353.2
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		223	mg/L	10	A2540 C
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Chloride		3	mg/L	1	E300.0
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Sulfate		25	mg/L	1	E300.0
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Bicarbonate as HCO3		229	mg/L	3	A2320 B
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		187	mg/L	3	A2320 B
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	pH		7.4	s.u.	0.1	E150.1
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Conductivity		421	umhos/cm	1	A2510 B
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Hardness as CaCO3		144	mg/L	1	A2340 B
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Calcium		35	mg/L	1	E200.7
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Potassium		1	mg/L	1	E200.7
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Sodium		26	mg/L	1	E200.7
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Magnesium		14	mg/L	1	E200.7
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		0.95		0.01	Calculation
B03090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.17	mg/L	0.05	E353.2
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Bicarbonate as HCO3		265	mg/L	2	A2320 B
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Carbonate as CO3		30	mg/L	1	A2320 B
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Chloride		2	mg/L	1	E300.0
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Sulfate		32	mg/L	1	E300.0
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Conductivity		584	umhos/cm	1	A2510 B
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Fluoride		2.51	mg/L	0.1	A4500-F C
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	pH		8.8	s.u.	0.1	E150.1
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Solids, Total Dissolved TDS @ 180 C		400	mg/L	10	A2540 C
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Alkalinity, Total as CaCO3		267	mg/L	2	A2320 B
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Arsenic	ND		mg/L	0.005	E200.8
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Arsenic	ND		mg/L	0.005	E200.8
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Copper	ND		mg/L	0.01	E200.7
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Iron	ND		mg/L	0.03	E200.7
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Magnesium	ND		mg/L	1	E200.7
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Manganese	ND		mg/L	0.01	E200.7
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Potassium	ND		mg/L	1	E200.7
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Sodium		140	mg/L	1	E200.7
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Zinc	ND		mg/L	0.01	E200.7
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Lead	ND		mg/L	0.01	E200.8
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Hardness as CaCO3		3	mg/L	1	A2340 B
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Sodium Adsorption Ratio (SAR)		34.6		0.01	Calculation
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Calcium		1	mg/L	1	E200.7
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Nitrogen, Nitrate+Nitrite as N		0.06	mg/L	0.05	E353.2
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Chloride		23	mg/L	1	E300.0
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sulfate		108	mg/L	1	E300.0
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	pH		8.2	s.u.	0.1	E150.1
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Conductivity		949	umhos/cm	1	A2510 B
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		382	mg/L	1	A2320 B
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Bicarbonate as HCO3		466	mg/L	1	A2320 B
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		572	mg/L	10	A2540 C
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		1.65	mg/L	0.05	E353.2
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sodium		188	mg/L	1	E200.7
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		8.5		0.01	Calculation
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Calcium		28	mg/L	1	E200.7
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Hardness as CaCO3		93	mg/L	1	A2340 B
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Magnesium		6	mg/L	1	E200.7
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Chloride		2	mg/L	1	E300.0
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		430	mg/L	10	A2540 C
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	pH		9.1	s.u.	0.1	E150.1
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Sulfate		56	mg/L	1	E300.0
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Carbonate as CO3		37	mg/L	1	A2320 B
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Bicarbonate as HCO3		260	mg/L	1	A2320 B
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		275	mg/L	1	A2320 B
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Conductivity		637	umhos/cm	1	A2510 B
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		18.5		0.01	Calculation
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Hardness as CaCO3		12	mg/L	1	A2340 B
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Sodium		146	mg/L	1	E200.7
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Calcium		3	mg/L	1	E200.7
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Magnesium	ND		mg/L	1	E200.7
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		219	mg/L	10	A2540 C
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		190	mg/L	1	A2320 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Bicarbonate as HCO3		231	mg/L	1	A2320 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Chloride		2	mg/L	1	E300.0
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Sulfate		24	mg/L	1	E300.0
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Conductivity		372	umhos/cm	1	A2510 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	pH		8.1	s.u.	0.1	E150.1
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		0.28	mg/L	0.05	E353.2
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Magnesium		9	mg/L	1	E200.7
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Sodium		43	mg/L	1	E200.7
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Hardness as CaCO3		116	mg/L	1	A2340 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		1.74		0.01	Calculation
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Calcium		31	mg/L	1	E200.7
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		225	mg/L	1	A2320 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Bicarbonate as HCO3		275	mg/L	1	A2320 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Chloride		7	mg/L	1	E300.0
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Conductivity		482	umhos/cm	1	A2510 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	pH		7.9	s.u.	0.1	E150.1
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		268	mg/L	10	A2540 C
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Sulfate		29	mg/L	1	E300.0
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		1.44	mg/L	0.05	E353.2
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Hardness as CaCO3		156	mg/L	1	A2340 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Sodium		46	mg/L	1	E200.7
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		1.61		0.01	Calculation
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Calcium		42	mg/L	1	E200.7
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Magnesium		12	mg/L	1	E200.7
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Carbonate as CO3		5	mg/L	1	A2320 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Bicarbonate as HCO3		385	mg/L	1	A2320 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		324	mg/L	1	A2320 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Chloride		20	mg/L	1	E300.0
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Sulfate		34	mg/L	1	E300.0
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Conductivity		703	umhos/cm	1	A2510 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	pH		8.5	s.u.	0.1	E150.1
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		403	mg/L	10	A2540 C
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Potassium		1	mg/L	1	E200.7
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Hardness as CaCO3		34	mg/L	1	A2340 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Sodium		153	mg/L	1	E200.7
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Calcium		10	mg/L	1	E200.7
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		11.5		0.01	Calculation
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Magnesium		2	mg/L	1	E200.7
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		221	mg/L	1	A2320 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Bicarbonate as HCO3		269	mg/L	1	A2320 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Chloride		3	mg/L	1	E300.0
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sulfate		18	mg/L	1	E300.0
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Conductivity		428	umhos/cm	1	A2510 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	pH		8	s.u.	0.1	E150.1
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		238	mg/L	10	A2540 C
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		0.3	mg/L	0.05	E353.2
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Calcium		41	mg/L	1	E200.7
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		1.27		0.01	Calculation
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Magnesium		11	mg/L	1	E200.7
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Hardness as CaCO3		148	mg/L	1	A2340 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sodium		36	mg/L	1	E200.7
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Potassium		2	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Conductivity		480	umhos/cm	1	A2510 B
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	pH		8	s.u.	0.1	E150.1
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Sulfate		24	mg/L	1	E300.0
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Chloride		4	mg/L	1	E300.0
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Bicarbonate as HCO3		293	mg/L	1	A2320 B
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		240	mg/L	1	A2320 B
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		278	mg/L	10	A2540 C
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		0.56	mg/L	0.05	E353.2
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		2.25		0.01	Calculation
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Calcium		30	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Magnesium		12	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Potassium		5	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Sodium		58	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Hardness as CaCO3		125	mg/L	1	A2340 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Conductivity		492	umhos/cm	1	A2510 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		279	mg/L	10	A2540 C
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		232	mg/L	1	A2320 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	pH		8.2	s.u.	0.1	E150.1
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Sulfate		32	mg/L	1	E300.0
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Chloride		4	mg/L	1	E300.0
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Bicarbonate as HCO3		283	mg/L	1	A2320 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		0.27	mg/L	0.05	E353.2
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		17.7		0.01	Calculation
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Calcium		3	mg/L	1	E200.7
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Sodium		113	mg/L	1	E200.7
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Magnesium	ND		mg/L	1	E200.7
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Hardness as CaCO3		8	mg/L	1	A2340 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDati	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Bicarbonate as HCO3		263	mg/L	1	A2320 B
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Hardness as CaCO3		3	mg/L	1	A2340 B
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3		250	mg/L	1	A2320 B
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Calcium		1	mg/L	1	E200.7
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Sodium		123	mg/L	1	E200.7
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Potassium	ND		mg/L	1	E200.7
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C		310	mg/L	10	A2540 C
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	pH		9	s.u.	0.1	E150.1
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Conductivity		517	umhos/cm	1	A2510 B
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Magnesium	ND		mg/L	1	E200.7
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Carbonate as CO3		21	mg/L	1	A2320 B
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Chloride		3	mg/L	1	E300.0
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Sulfate		22	mg/L	1	E300.0
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Sodium		12	mg/L	1	E200.7
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Potassium	ND		mg/L	1	E200.7
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Magnesium		8	mg/L	1	E200.7
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Hardness as CaCO3		110	mg/L	1	A2340 B
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Calcium		31	mg/L	1	E200.7
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N		0.49	mg/L	0.05	E353.2
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3		133	mg/L	1	A2320 B
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	pH		7.9	s.u.	0.1	E150.1
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Chloride		1	mg/L	1	E300.0
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Conductivity		254	umhos/cm	1	A2510 B
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Sulfate		10	mg/L	1	E300.0
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Bicarbonate as HCO3		162	mg/L	1	A2320 B
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C		143	mg/L	10	A2540 C
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Hardness as CaCO3		10	mg/L	1	A2340 B
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Sodium		149	mg/L	1	E200.7
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Potassium	ND		mg/L	1	E200.7
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Carbonate as CO3		2	mg/L	1	A2320 B
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Calcium		4	mg/L	1	E200.7
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N		2.59	mg/L	0.05	E353.2
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C		403	mg/L	10	A2540 C
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	pH		8.3	s.u.	0.1	E150.1
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Conductivity		664	umhos/cm	1	A2510 B
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Magnesium	ND		mg/L	1	E200.7
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Chloride		20	mg/L	1	E300.0
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Bicarbonate as HCO3		306	mg/L	1	A2320 B
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3		253	mg/L	1	A2320 B
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Sulfate		64	mg/L	1	E300.0
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Magnesium	ND		mg/L	1	E200.7
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Calcium		2	mg/L	1	E200.7
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Potassium	ND		mg/L	1	E200.7
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Sodium		114	mg/L	1	E200.7
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Hardness as CaCO3		6	mg/L	1	A2340 B
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3		215	mg/L	1	A2320 B
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Bicarbonate as HCO3		243	mg/L	1	A2320 B
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Carbonate as CO3		9	mg/L	1	A2320 B
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Chloride	ND		mg/L	1	E300.0
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Sulfate		50	mg/L	1	E300.0
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Conductivity		495	umhos/cm	1	A2510 B
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	pH		8.8	s.u.	0.1	E150.1
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C		305	mg/L	10	A2540 C
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Conductivity		637	umhos/cm	1	A2510 B
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		379	mg/L	1	A1030F
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Sulfate		87	mg/L	1	E300.0
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Chloride		7	mg/L	1	E300.0
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Hardness as CaCO3		242	mg/L	1	A2340 B
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.58	mg/L	0.05	E353.2
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Bicarbonate as HCO3		302	mg/L	4	A2320 B
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		248	mg/L	4	A2320 B
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Sodium		40	mg/L	1	E200.7
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Magnesium		25	mg/L	1	E200.7
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Calcium		56	mg/L	1	E200.7
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	pH		7.5	s.u.	0.1	E150.1
B06052312-001	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Potassium		2	mg/L	1	E200.7
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	pH		9.1	s.u.	0.1	E150.1
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Conductivity		543	umhos/cm	1	A2510 B
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Iron		0.07	mg/L	0.03	E200.7
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Calcium		2	mg/L	1	E200.7
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Sulfate		21	mg/L	1	E300.0
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Chloride		4	mg/L	1	E300.0
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Sodium		122	mg/L	1	E200.7
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Carbonate as CO3		20	mg/L	4	A2320 B
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		252	mg/L	4	A2320 B
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Bicarbonate as HCO3		268	mg/L	4	A2320 B
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		316	mg/L	1	A1030F
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Hardness as CaCO3		6	mg/L	1	A2340 B
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Sulfate		17	mg/L	1	E300.0
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.1	mg/L	0.05	E353.2
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	pH		8	s.u.	0.1	E150.1

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Conductivity		437	umhos/cm	1	A2510 B
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Bicarbonate as HCO3		264	mg/L	4	A2320 B
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Calcium		31	mg/L	1	E200.7
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Iron		0.17	mg/L	0.03	E200.7
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Magnesium		10	mg/L	1	E200.7
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Potassium		3	mg/L	1	E200.7
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Sodium		53	mg/L	1	E200.7
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		216	mg/L	4	A2320 B
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		258	mg/L	1	A1030F
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Hardness as CaCO3		120	mg/L	1	A2340 B
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Iron		0.5	mg/L	0.03	E200.7
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Hardness as CaCO3		148	mg/L	1	A2340 B
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		246	mg/L	1	A1030F
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Bicarbonate as HCO3		256	mg/L	4	A2320 B
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Magnesium		11	mg/L	1	E200.7
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		210	mg/L	4	A2320 B
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Calcium		42	mg/L	1	E200.7
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Sulfate		12	mg/L	1	E300.0
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.25	mg/L	0.05	E353.2
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Sodium		34	mg/L	1	E200.7
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Potassium		2	mg/L	1	E200.7
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	pH		8.2	s.u.	0.1	E150.1
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Conductivity		418	umhos/cm	1	A2510 B
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Iron		0.17	mg/L	0.03	E200.7
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	pH		7.6	s.u.	0.1	E150.1
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.55	mg/L	0.05	E353.2
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Calcium		31	mg/L	1	E200.7
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Magnesium		8	mg/L	1	E200.7
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Sodium		12	mg/L	1	E200.7
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		130	mg/L	4	A2320 B
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Bicarbonate as HCO3		158	mg/L	4	A2320 B
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Sulfate		10	mg/L	1	E300.0
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Conductivity		270	umhos/cm	1	A2510 B
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Hardness as CaCO3		110	mg/L	1	A2340 B
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		159	mg/L	1	A1030F
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		247	mg/L	4	A2320 B
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Bicarbonate as HCO3		301	mg/L	4	A2320 B
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Calcium		40	mg/L	1	E200.7
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	pH		8.3	s.u.	0.1	E150.1
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Magnesium		12	mg/L	1	E200.7
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Potassium		1	mg/L	1	E200.7
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Hardness as CaCO3		148	mg/L	1	A2340 B
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Sodium		56	mg/L	1	E200.7
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Chloride		3	mg/L	1	E300.0
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Sulfate		23	mg/L	1	E300.0
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		295	mg/L	1	A1030F
B06052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Conductivity		497	umhos/cm	1	A2510 B
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.52	mg/L	0.05	E353.2
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Magnesium		9	mg/L	1	E200.7
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Hardness as CaCO3		106	mg/L	1	A2340 B
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		213	mg/L	1	A1030F
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		166	mg/L	4	A2320 B
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Bicarbonate as HCO3		202	mg/L	4	A2320 B
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Calcium		28	mg/L	1	E200.7
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Conductivity		366	umhos/cm	1	A2510 B
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Chloride		1	mg/L	1	E300.0
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Sodium		36	mg/L	1	E200.7
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	pH		8.1	s.u.	0.1	E150.1
B06052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Sulfate		25	mg/L	1	E300.0
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Magnesium		21	mg/L	1	E200.7
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Potassium		2	mg/L	1	E200.7
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Calcium		70	mg/L	1	E200.7
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Sulfate		40	mg/L	1	E300.0
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Hardness as CaCO3		261	mg/L	1	A2340 B
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Bicarbonate as HCO3		403	mg/L	4	A2320 B
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Chloride		5	mg/L	1	E300.0
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		1.04	mg/L	0.05	E353.2
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Conductivity		695	umhos/cm	1	A2510 B
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Sodium		52	mg/L	1	E200.7
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		409	mg/L	1	A1030F
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	pH		7.7	s.u.	0.1	E150.1
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		330	mg/L	4	A2320 B
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Calcium		4	mg/L	1	E200.7
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Potassium		2	mg/L	1	E200.7
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Magnesium		1	mg/L	1	E200.7
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Sulfate		22	mg/L	1	E300.0
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Iron		7.05	mg/L	0.03	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		408	mg/L	1	A1030F
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Carbonate as CO3		18	mg/L	4	A2320 B
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Sodium		140	mg/L	1	E200.7
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Conductivity		546	umhos/cm	1	A2510 B
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Hardness as CaCO3		15	mg/L	1	A2340 B
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Bicarbonate as HCO3		287	mg/L	4	A2320 B
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		266	mg/L	4	A2320 B
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	pH		9.1	s.u.	0.1	E150.1
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		218	mg/L	4	A2320 B
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Bicarbonate as HCO3		266	mg/L	4	A2320 B
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Calcium		39	mg/L	1	E200.7
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		275	mg/L	1	A1030F
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Conductivity		476	umhos/cm	1	A2510 B
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Sulfate		27	mg/L	1	E300.0
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Chloride		5	mg/L	1	E300.0
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	pH		7.7	s.u.	0.1	E150.1
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		1.07	mg/L	0.05	E353.2
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Hardness as CaCO3		143	mg/L	1	A2340 B
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Magnesium		11	mg/L	1	E200.7
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Sodium		46	mg/L	1	E200.7
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	pH		8.1	s.u.	0.1	E150.1
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Calcium		30	mg/L	1	E200.7
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Hardness as CaCO3		113	mg/L	1	A2340 B
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Magnesium		9	mg/L	1	E200.7
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		231	mg/L	1	A1030F
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Sodium		44	mg/L	1	E200.7
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.24	mg/L	0.05	E353.2
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Chloride		1	mg/L	1	E300.0
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Sulfate		23	mg/L	1	E300.0
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		183	mg/L	4	A2320 B
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Conductivity		389	umhos/cm	1	A2510 B
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Bicarbonate as HCO3		223	mg/L	4	A2320 B
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Hardness as CaCO3		8	mg/L	1	A2340 B
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Calcium		3	mg/L	1	E200.7
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Carbonate as CO3		9	mg/L	4	A2320 B
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Bicarbonate as HCO3		233	mg/L	4	A2320 B
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		307	mg/L	1	A1030F
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	pH		8.8	s.u.	0.1	E150.1
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Sulfate		51	mg/L	1	E300.0
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Sodium		113	mg/L	1	E200.7
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Chloride	ND		mg/L	1	E300.0
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Conductivity		508	umhos/cm	1	A2510 B
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Iron		0.29	mg/L	0.03	E200.7
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		206	mg/L	4	A2320 B
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Sulfate		9	mg/L	1	E300.0
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.55	mg/L	0.05	E353.2
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	pH		7.7	s.u.	0.1	E150.1
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Sodium		12	mg/L	1	E200.7
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Hardness as CaCO3		109	mg/L	1	A2340 B
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Magnesium		8	mg/L	1	E200.7
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		158	mg/L	1	A1030F
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Calcium		31	mg/L	1	E200.7
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Bicarbonate as HCO3		157	mg/L	4	A2320 B
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		129	mg/L	4	A2320 B
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Conductivity		270	umhos/cm	1	A2510 B
B06052312-008	Drinking W	5/20/2006 20:20	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	pH		9.1	s.u.	0.1	E150.1
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Sulfate		18	mg/L	1	E300.0
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Sodium		105	mg/L	1	E200.7
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.14	mg/L	0.05	E353.2
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Carbonate as CO3		17	mg/L	4	A2320 B
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Bicarbonate as HCO3		223	mg/L	4	A2320 B
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		212	mg/L	4	A2320 B
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		268	mg/L	1	A1030F
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Calcium		2	mg/L	1	E200.7
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Conductivity		442	umhos/cm	1	A2510 B
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Hardness as CaCO3		5	mg/L	1	A2340 B
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Conductivity		494	umhos/cm	1	A2510 B
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	pH		8.2	s.u.	0.1	E150.1
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Calcium		3	mg/L	1	E200.7
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Sodium		117	mg/L	1	E200.7
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Bicarbonate as HCO3		271	mg/L	4	A2320 B
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.3	mg/L	0.05	E353.2
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Chloride		3	mg/L	1	E300.0
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Sulfate		31	mg/L	1	E300.0
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Hardness as CaCO3		9	mg/L	1	A2340 B
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		300	mg/L	1	A1030F
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		225	mg/L	4	A2320 B
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Potassium		2	mg/L	1	E200.7
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Conductivity		613	umhos/cm	1	A2510 B
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Bicarbonate as HCO3		284	mg/L	4	A2320 B
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.6	unitless	0.01	Calculation
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		232	mg/L	4	A2320 B
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Hardness as CaCO3		207	mg/L	1	A2340 B
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Sodium		53	mg/L	1	E200.7
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Magnesium		21	mg/L	1	E200.7
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Iron		0.45	mg/L	0.03	E200.7
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Calcium		48	mg/L	1	E200.7
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Sulfate		74	mg/L	1	E300.0
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Chloride		6	mg/L	1	E300.0
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		355	mg/L	1	A1030F
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.15	mg/L	0.05	E353.2
B06082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	pH		7.5	s.u.	0.1	E150.1
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Bicarbonate as HCO3		267	mg/L	4	A2320 B
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Conductivity		572	umhos/cm	1	A2510 B
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Hardness as CaCO3		7	mg/L	1	A2340 B
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Carbonate as CO3		10	mg/L	4	A2320 B
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	pH		8.7	s.u.	0.1	E150.1
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Sulfate		43	mg/L	1	E300.0
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		22.7	unitless	0.01	Calculation
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		1.04	mg/L	0.05	E353.2
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		235	mg/L	4	A2320 B
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Sodium		135	mg/L	1	E200.7
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		339	mg/L	1	A1030F
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
B06082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Calcium		2	mg/L	1	E200.7
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Carbonate as CO3		14	mg/L	4	A2320 B
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		292	mg/L	1	A1030F
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Bicarbonate as HCO3		234	mg/L	4	A2320 B
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	pH		9	s.u.	0.1	E150.1
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		29.6	unitless	0.01	Calculation
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Sodium		121	mg/L	1	E200.7
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		214	mg/L	4	A2320 B
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Hardness as CaCO3		3	mg/L	1	A2340 B
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Calcium		1	mg/L	1	E200.7
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Sulfate		24	mg/L	1	E300.0
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Iron		0.1	mg/L	0.03	E200.7
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Conductivity		496	umhos/cm	1	A2510 B
B06082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	pH		8.1	s.u.	0.1	E150.1
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Conductivity		411	umhos/cm	1	A2510 B
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Magnesium		8	mg/L	1	E200.7
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Iron		0.14	mg/L	0.03	E200.7
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Calcium		24	mg/L	1	E200.7
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		2.45	unitless	0.01	Calculation
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		232	mg/L	1	A1030F
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Sulfate		19	mg/L	1	E300.0
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Potassium		1	mg/L	1	E200.7
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Bicarbonate as HCO3		231	mg/L	4	A2320 B
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Sodium		54	mg/L	1	E200.7
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		189	mg/L	4	A2320 B
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Hardness as CaCO3		92	mg/L	1	A2340 B
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Sodium		47	mg/L	1	E200.7
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	pH		7.8	s.u.	0.1	E150.1
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		198	mg/L	4	A2320 B
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Sulfate		21	mg/L	1	E300.0
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Hardness as CaCO3		132	mg/L	1	A2340 B
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Conductivity		436	umhos/cm	1	A2510 B
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Iron		3.37	mg/L	0.03	E200.7
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.47	mg/L	0.05	E353.2
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.77	unitless	0.01	Calculation
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		264	mg/L	1	A1030F
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Magnesium		12	mg/L	1	E200.7
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Bicarbonate as HCO3		241	mg/L	4	A2320 B
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Calcium		33	mg/L	1	E200.7
B06082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Potassium		2	mg/L	1	E200.7
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Bicarbonate as HCO3		153	mg/L	4	A2320 B
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Hardness as CaCO3		113	mg/L	1	A2340 B
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Calcium		32	mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		126	mg/L	4	A2320 B
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.42	mg/L	0.05	E353.2
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Sulfate		11	mg/L	1	E300.0
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		168	mg/L	1	A1030F
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		0.5	unitless	0.01	Calculation
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Sodium		12	mg/L	1	E200.7
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Potassium		1	mg/L	1	E200.7
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Magnesium		8	mg/L	1	E200.7
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	pH		7.5	s.u.	0.1	E150.1
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Conductivity		277	umhos/cm	1	A2510 B
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Iron		2.43	mg/L	0.03	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Iron		2.04	mg/L	0.03	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.19	mg/L	0.05	E353.2
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Sulfate		16	mg/L	1	E300.0
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	pH		8.2	s.u.	0.1	E150.1
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Conductivity		440	umhos/cm	1	A2510 B
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Chloride		3	mg/L	1	E300.0
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		260	mg/L	1	A1030F
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Calcium		44	mg/L	1	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Magnesium		11	mg/L	1	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		210	mg/L	4	A2320 B
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Potassium		1	mg/L	1	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.25	unitless	0.01	Calculation
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Sodium		36	mg/L	1	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Hardness as CaCO3		156	mg/L	1	A2340 B
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Bicarbonate as HCO3		256	mg/L	4	A2320 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.5	mg/L	0.05	E353.2
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Bicarbonate as HCO3		199	mg/L	4	A2320 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		163	mg/L	4	A2320 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Hardness as CaCO3		107	mg/L	1	A2340 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Calcium		29	mg/L	1	E200.7
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Chloride		1	mg/L	1	E300.0
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sulfate		28	mg/L	1	E300.0
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	pH		8	s.u.	0.1	E150.1
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		219	mg/L	1	A1030F
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.64	unitless	0.01	Calculation
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Magnesium		9	mg/L	1	E200.7
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Conductivity		385	umhos/cm	1	A2510 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sodium		39	mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		358	mg/L	1	A1030F
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Chloride		12	mg/L	1	E300.0
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Carbonate as CO3		7	mg/L	4	A2320 B
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Sodium		129	mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Sulfate		31	mg/L	1	E300.0
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Iron		0.04	mg/L	0.03	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Calcium		11	mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Magnesium		2	mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		270	mg/L	4	A2320 B
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Conductivity		624	umhos/cm	1	A2510 B
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	pH		8.4	s.u.	0.1	E150.1
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Bicarbonate as HCO3		316	mg/L	4	A2320 B
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		9.62	unitless	0.01	Calculation
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Hardness as CaCO3		34	mg/L	1	A2340 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Carbonate as CO3		19	mg/L	4	A2320 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Sulfate		23	mg/L	1	E300.0
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Conductivity		547	umhos/cm	1	A2510 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Bicarbonate as HCO3		262	mg/L	4	A2320 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		247	mg/L	4	A2320 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Hardness as CaCO3		4	mg/L	1	A2340 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	pH		9.1	s.u.	0.1	E150.1
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		536	mg/L	1	A1030F
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Calcium		2	mg/L	1	E200.7
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Sodium		129	mg/L	1	E200.7
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Iron		0.7	mg/L	0.03	E200.7
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Magnesium		11	mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.62	unitless	0.01	Calculation
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Calcium		39	mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Conductivity		481	umhos/cm	1	A2510 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Sodium		45	mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Hardness as CaCO3		144	mg/L	1	A2340 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Sulfate		27	mg/L	1	E300.0
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		212	mg/L	4	A2320 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		268	mg/L	1	A1030F
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Bicarbonate as HCO3		258	mg/L	4	A2320 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	pH		7.5	s.u.	0.1	E150.1
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Chloride		4	mg/L	1	E300.0

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.77	mg/L	0.05	E353.2
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		176	mg/L	4	A2320 B
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Bicarbonate as HCO3		214	mg/L	4	A2320 B
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		227	mg/L	1	A1030F
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Calcium		28	mg/L	1	E200.7
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Magnesium		9	mg/L	1	E200.7
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Sodium		45	mg/L	1	E200.7
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Hardness as CaCO3		106	mg/L	1	A2340 B
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.2	mg/L	0.05	E353.2
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Sulfate		25	mg/L	1	E300.0
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.9	unitless	0.01	Calculation
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	pH		8	s.u.	0.1	E150.1
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Conductivity		397	umhos/cm	1	A2510 B
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.21	mg/L	0.05	E353.2
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Magnesium		9	mg/L	1	E200.7
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Hardness as CaCO3		120	mg/L	1	A2340 B
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Calcium		34	mg/L	1	E200.7
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.14	unitless	0.01	Calculation
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		146	mg/L	4	A2320 B
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sodium		29	mg/L	1	E200.7
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	pH		7.8	s.u.	0.1	E150.1
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Conductivity		360	umhos/cm	1	A2510 B
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Bicarbonate as HCO3		178	mg/L	4	A2320 B
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sulfate		32	mg/L	1	E300.0
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Chloride		1	mg/L	1	E300.0
B06082455-004	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		207	mg/L	1	A1030F
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Calcium		23	mg/L	1	E200.7
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Hardness as CaCO3		98	mg/L	1	A2340 B
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		145	mg/L	4	A2320 B
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Bicarbonate as HCO3		177	mg/L	4	A2320 B
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.31	unitless	0.01	Calculation
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Iron		0.39	mg/L	0.03	E200.7
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Conductivity		326	umhos/cm	1	A2510 B
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		176	mg/L	1	A1030F
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	pH		8	s.u.	0.1	E150.1
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Magnesium		10	mg/L	1	E200.7
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Sulfate		20	mg/L	1	E300.0
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Chloride	ND		mg/L	1	E300.0
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Potassium		1	mg/L	1	E200.7
B06082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Sodium		30	mg/L	1	E200.7
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Carbonate as CO3		9	mg/L	4	A2320 B
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		299	mg/L	1	A1030F
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		198	mg/L	4	A2320 B
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Bicarbonate as HCO3		223	mg/L	4	A2320 B
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Calcium		2	mg/L	1	E200.7
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		18.4	unitless	0.01	Calculation
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	pH		8.8	s.u.	0.1	E150.1
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Hardness as CaCO3		7	mg/L	1	A2340 B
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Iron		0.59	mg/L	0.03	E200.7
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Sodium		115	mg/L	1	E200.7
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Chloride	ND		mg/L	1	E300.0
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Conductivity		520	umhos/cm	1	A2510 B
B06082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Sulfate		44	mg/L	1	E300.0
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		204	mg/L	4	A2320 B
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Sodium		106	mg/L	1	E200.7
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		263	mg/L	1	A1030F
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		27.6	unitless	0.01	Calculation
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Hardness as CaCO3		3	mg/L	1	A2340 B
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Calcium	ND		mg/L	1	E200.7
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	pH		9.2	s.u.	0.1	E150.1
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.11	mg/L	0.05	E353.2
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Carbonate as CO3		18	mg/L	4	A2320 B
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Bicarbonate as HCO3		212	mg/L	4	A2320 B
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Sulfate		19	mg/L	1	E300.0
B06082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Conductivity		451	umhos/cm	1	A2510 B
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		301	mg/L	1	A1030F
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Conductivity		502	umhos/cm	1	A2510 B
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Chloride		4	mg/L	1	E300.0
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	pH		8	s.u.	0.1	E150.1
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Calcium		2	mg/L	1	E200.7
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.29	mg/L	0.05	E353.2
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Sodium		120	mg/L	1	E200.7
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Hardness as CaCO3		6	mg/L	1	A2340 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		20.5	unitless	0.01	Calculation
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Sulfate		32	mg/L	1	E300.0
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		217	mg/L	4	A2320 B
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Bicarbonate as HCO3		264	mg/L	4	A2320 B
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Iron		0.04	mg/L	0.03	E200.7
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Iron		0.06	mg/L	0.03	E200.7
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		156	mg/L	1	A1030F
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Sulfate		10	mg/L	1	E300.0
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.82	mg/L	0.05	E353.2
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Conductivity		269	umhos/cm	1	A2510 B
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Hardness as CaCO3		116	mg/L	1	A2340 B
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Sodium		12	mg/L	1	E200.7
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Magnesium		8	mg/L	1	E200.7
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Calcium		33	mg/L	1	E200.7
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Bicarbonate as HCO3		142	mg/L	4	A2320 B
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	pH		7.5	s.u.	0.1	E150.1
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		117	mg/L	4	A2320 B
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Bicarbonate as HCO3		206	mg/L	4	A2320 B
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Sodium		39	mg/L	1	E200.7
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.25	mg/L	0.05	E353.2
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Iron		0.76	mg/L	0.03	E200.7
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Hardness as CaCO3		120	mg/L	1	A2340 B
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		228	mg/L	1	A1030F
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Sulfate		24	mg/L	1	E300.0
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		1.55	unitless	0.01	Calculation
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		168	mg/L	4	A2320 B
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Conductivity		392	umhos/cm	1	A2510 B
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Magnesium		9	mg/L	1	E200.7
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	pH		8	s.u.	0.1	E150.1
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
B06111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Calcium		34	mg/L	1	E200.7
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Sulfate		24	mg/L	1	E300.0
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Potassium		2	mg/L	1	E200.7
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Magnesium		12	mg/L	1	E200.7
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	pH		7.6	s.u.	0.1	E150.1
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Sodium		50	mg/L	1	E200.7
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		229	mg/L	4	A2320 B
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Chloride		3	mg/L	1	E300.0
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Calcium		48	mg/L	1	E200.7
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Bicarbonate as HCO3		279	mg/L	4	A2320 B
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Conductivity		308	umhos/cm	1	A2510 B
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		289	mg/L	1	A1030F
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.58	mg/L	0.05	E353.2
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Hardness as CaCO3		168	mg/L	1	A2340 B
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Calcium		46	mg/L	1	E200.7
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Sulfate		20	mg/L	1	E300.0
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Iron		0.07	mg/L	0.03	E200.7
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		233	mg/L	4	A2320 B
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		284	mg/L	1	A1030F
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Bicarbonate as HCO3		285	mg/L	4	A2320 B
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		1.74	unitless	0.01	Calculation
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Sodium		51	mg/L	1	E200.7
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Magnesium		12	mg/L	1	E200.7
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Hardness as CaCO3		163	mg/L	1	A2340 B
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	pH		7.9	s.u.	0.1	E150.1
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.4	mg/L	0.05	E353.2
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Conductivity		501	umhos/cm	1	A2510 B
B06111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	pH		7.9	s.u.	0.1	E150.1
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.51	mg/L	0.05	E353.2
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Sulfate		10	mg/L	1	E300.0
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		174	mg/L	1	A1030F
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Chloride		1	mg/L	1	E300.0
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Hardness as CaCO3		124	mg/L	1	A2340 B
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Conductivity		393	umhos/cm	1	A2510 B
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Calcium		34	mg/L	1	E200.7
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Bicarbonate as HCO3		170	mg/L	4	A2320 B
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Sodium		18	mg/L	1	E200.7
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Magnesium		10	mg/L	1	E200.7
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Bicarbonate as HCO3		283	mg/L	4	A2320 B
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.15	mg/L	0.05	E353.2
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Chloride		5	mg/L	1	E300.0
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Conductivity		659	umhos/cm	1	A2510 B
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Sulfate		71	mg/L	1	E300.0
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		232	mg/L	4	A2320 B
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	pH		7.5	s.u.	0.1	E150.1
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Calcium		49	mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Magnesium		20	mg/L	1	E200.7
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Potassium		2	mg/L	1	E200.7
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Sodium		55	mg/L	1	E200.7
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Hardness as CaCO3		205	mg/L	1	A2340 B
B06111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		352	mg/L	1	A1030F
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Conductivity		581	umhos/cm	1	A2510 B
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		233	mg/L	4	A2320 B
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Sodium		132	mg/L	1	E200.7
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Calcium		3	mg/L	1	E200.7
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.74	mg/L	0.05	E353.2
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	pH		8.7	s.u.	0.1	E150.1
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		266	mg/L	4	A2320 B
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		21.3	unitless	0.01	Calculation
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Hardness as CaCO3		7	mg/L	1	A2340 B
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		332	mg/L	1	A1030F
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Sulfate		44	mg/L	1	E300.0
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
B06111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Carbonate as CO3		9	mg/L	4	A2320 B
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Calcium		2	mg/L	1	E200.7
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Chloride		8	mg/L	1	E300.0
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Sulfate		13	mg/L	1	E300.0
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Sodium		134	mg/L	1	E200.7
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Iron		0.08	mg/L	0.03	E200.7
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Hardness as CaCO3		5	mg/L	1	A2340 B
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		325	mg/L	1	A1030F
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Conductivity		572	umhos/cm	1	A2510 B
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Carbonate as CO3		20	mg/L	4	A2320 B
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	pH		8.9	s.u.	0.1	E150.1
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		254	mg/L	4	A2320 B
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Bicarbonate as HCO3		270	mg/L	4	A2320 B
B06111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Sulfate		18	mg/L	1	E300.0
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		227	mg/L	1	A1030F
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	pH		7.8	s.u.	0.1	E150.1
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Calcium		26	mg/L	1	E200.7
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Iron		0.04	mg/L	0.03	E200.7
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Magnesium		9	mg/L	1	E200.7
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Sodium		51	mg/L	1	E200.7
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		217	mg/L	4	A2320 B
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		2.19	unitless	0.01	Calculation
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Conductivity		394	umhos/cm	1	A2510 B
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Hardness as CaCO3		101	mg/L	1	A2340 B
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		178	mg/L	4	A2320 B
B06111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.42	mg/L	0.05	E353.2
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Sulfate		13	mg/L	1	E300.0
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		163	mg/L	4	A2320 B
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		208	mg/L	1	A1030F
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		2.15	unitless	0.01	Calculation
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.43	mg/L	0.05	E353.2
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Hardness as CaCO3		90	mg/L	1	A2340 B
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Magnesium		5	mg/L	1	E200.7
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Bicarbonate as HCO3		199	mg/L	4	A2320 B
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Chloride		3	mg/L	1	E300.0
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Sodium		47	mg/L	1	E200.7
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Calcium		27	mg/L	1	E200.7
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	pH		8.1	s.u.	0.1	E150.1
B06111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Conductivity		371	umhos/cm	1	A2510 B
B06111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		139	mg/L	4	A2320 B
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.24	mg/L	0.05	E353.2
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		384	mg/L	1	A1030F
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Sodium		68	mg/L	1	E200.7
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		288	mg/L	4	A2320 B
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		351	mg/L	4	A2320 B
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	pH		7.3	s.u.	0.1	E150.1
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Conductivity		274	umhos/cm	1	A2510 B
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Hardness as CaCO3		218	mg/L	1	A2340 B
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Sulfate		46	mg/L	1	E300.0
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Calcium		57	mg/L	1	E200.7
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Potassium		2	mg/L	1	E200.7
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Magnesium		18	mg/L	1	E200.7
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Iron		0.04	mg/L	0.03	E200.7
B06111517-003	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Chloride		4	mg/L	1	E300.0
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Sulfate		10	mg/L	1	E300.0
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Sodium		128	mg/L	1	E200.7
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		248	mg/L	4	A2320 B
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Hardness as CaCO3		14	mg/L	1	A2340 B
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Calcium		4	mg/L	1	E200.7
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Iron		4.95	mg/L	0.03	E200.7
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Conductivity		541	umhos/cm	1	A2510 B
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		291	mg/L	4	A2320 B
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	pH		8.5	s.u.	0.1	E150.1
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Carbonate as CO3		6	mg/L	4	A2320 B
B06111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		340	mg/L	1	A1030F
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	pH		7.8	s.u.	0.1	E150.1
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Sulfate		15	mg/L	1	E300.0
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		0.87	unitless	0.01	Calculation
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		195	mg/L	4	A2320 B
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Bicarbonate as HCO3		238	mg/L	4	A2320 B
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Conductivity		429	umhos/cm	1	A2510 B
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		233	mg/L	1	A1030F
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Sodium		26	mg/L	1	E200.7
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Magnesium		14	mg/L	1	E200.7
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Calcium		44	mg/L	1	E200.7
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Hardness as CaCO3		169	mg/L	1	A2340 B
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.57	mg/L	0.05	E353.2
B06111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Chloride		3	mg/L	1	E300.0
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Sulfate		25	mg/L	1	E300.0
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.62	mg/L	0.05	E353.2
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Conductivity		480	umhos/cm	1	A2510 B
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Magnesium		12	mg/L	1	E200.7
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Sodium		48	mg/L	1	E200.7
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		211	mg/L	4	A2320 B
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Bicarbonate as HCO3		257	mg/L	4	A2320 B
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		273	mg/L	1	A1030F
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Hardness as CaCO3		155	mg/L	1	A2340 B
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	pH		7.5	s.u.	0.1	E150.1
B06111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Calcium		43	mg/L	1	E200.7
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Bicarbonate as HCO3		206	mg/L	4	A2320 B
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Magnesium		9	mg/L	1	E200.7
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	pH		7.9	s.u.	0.1	E150.1
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.22	mg/L	0.05	E353.2
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Sodium		46	mg/L	1	E200.7
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Chloride		1	mg/L	1	E300.0
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Calcium		31	mg/L	1	E200.7
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		169	mg/L	4	A2320 B
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Conductivity		386	umhos/cm	1	A2510 B
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		225	mg/L	1	A1030F
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Hardness as CaCO3		114	mg/L	1	A2340 B
B06111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Sulfate		23	mg/L	1	E300.0
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Sulfate		25	mg/L	1	E300.0
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Chloride		1	mg/L	1	E300.0
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Sodium		21	mg/L	1	E200.7
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Magnesium		12	mg/L	1	E200.7
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Calcium		38	mg/L	1	E200.7
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Conductivity		366	umhos/cm	1	A2510 B
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	pH		7.6	s.u.	0.1	E150.1
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		207	mg/L	1	A1030F
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Bicarbonate as HCO3		188	mg/L	4	A2320 B
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.32	mg/L	0.05	E353.2
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Hardness as CaCO3		144	mg/L	1	A2340 B
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		0.76	unitless	0.01	Calculation
B06111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		154	mg/L	4	A2320 B
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Bicarbonate as HCO3		222	mg/L	4	A2320 B
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Carbonate as CO3		8	mg/L	4	A2320 B
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Sulfate		53	mg/L	1	E300.0
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Chloride	ND		mg/L	1	E300.0
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		195	mg/L	4	A2320 B
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Hardness as CaCO3		9	mg/L	1	A2340 B
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Conductivity		516	umhos/cm	1	A2510 B
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		311	mg/L	1	A1030F
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	pH		8.6	s.u.	0.1	E150.1
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Calcium		3	mg/L	1	E200.7
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Iron		0.79	mg/L	0.03	E200.7
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Sodium		116	mg/L	1	E200.7
B06111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		118	mg/L	4	A2320 B
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		161	mg/L	1	A1030F
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Conductivity		274	umhos/cm	1	A2510 B
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Hardness as CaCO3		123	mg/L	1	A2340 B
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	pH		7.5	s.u.	0.1	E150.1
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Sulfate		9	mg/L	1	E300.0
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Calcium		36	mg/L	1	E200.7
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Magnesium		8	mg/L	1	E200.7
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Sodium		12	mg/L	1	E200.7
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.85	mg/L	0.05	E353.2
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		144	mg/L	4	A2320 B
B06111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Iron	ND		mg/L	0.09	E200.7
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Sodium		149	mg/L	1	E200.7
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Calcium		4	mg/L	1	E200.7
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Hardness as CaCO3		10	mg/L	1	A2340 B
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		388	mg/L	1	A1030F
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		226	mg/L	4	A2320 B
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	pH		8.7	s.u.	0.1	E150.1
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		2.14	mg/L	0.05	E353.2
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Conductivity		661	umhos/cm	1	A2510 B
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Chloride		20	mg/L	1	E300.0
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Bicarbonate as HCO3		255	mg/L	4	A2320 B
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Carbonate as CO3		10	mg/L	4	A2320 B
B06111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Sulfate		58	mg/L	1	E300.0
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Hardness as CaCO3		10	mg/L	1	A2340 B
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.38	mg/L	0.05	E353.2
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Chloride		3	mg/L	1	E300.0
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Sodium		118	mg/L	1	E200.7
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	pH		8	s.u.	0.1	E150.1
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Calcium		4	mg/L	1	E200.7
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		210	mg/L	4	A2320 B
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Bicarbonate as HCO3		256	mg/L	4	A2320 B
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Sulfate		33	mg/L	1	E300.0
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		16	unitless	0.01	Calculation
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		297	mg/L	1	A1030F
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Conductivity		503	umhos/cm	1	A2510 B
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Sulfate		78	mg/L	1	E300.0
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Chloride		5	mg/L	1	E300.0
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.11	mg/L	0.05	E353.2
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Calcium		45	mg/L	1	E200.7
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Sodium		58	mg/L	1	E200.7
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Iron		0.03	mg/L	0.03	E200.7
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Bicarbonate as HCO3		291	mg/L	1	A2320 B
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	pH		7.5	s.u.	0.1	E150.1
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Conductivity		616	umhos/cm	1	A2510 B
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Hardness as CaCO3		201	mg/L	1	A2340 B
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Magnesium		22	mg/L	1	E200.7
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		239	mg/L	1	A2320 B
B07021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		364	mg/L	1	A1030F
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Chloride		3	mg/L	1	E300.0
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Sulfate		67	mg/L	1	E300.0
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.53	mg/L	0.05	E353.2
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Calcium		3	mg/L	1	E200.7
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Magnesium	ND		mg/L	1	E200.7
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Sodium		144	mg/L	1	E200.7
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Hardness as CaCO3		8	mg/L	1	A2340 B
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		367	mg/L	1	A1030F
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		230	mg/L	1	A2320 B
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Bicarbonate as HCO3		265	mg/L	1	A2320 B
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Conductivity		603	umhos/cm	1	A2510 B
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Carbonate as CO3		8	mg/L	1	A2320 B
B07021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	pH		8.5	s.u.	0.1	E150.1
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		172	mg/L	1	A2320 B
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Conductivity		383	umhos/cm	1	A2510 B
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		229	mg/L	1	A1030F
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Bicarbonate as HCO3		209	mg/L	1	A2320 B
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Sulfate		21	mg/L	1	E300.0
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Hardness as CaCO3		93	mg/L	1	A2340 B
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Sodium		56	mg/L	1	E200.7
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Magnesium		8	mg/L	1	E200.7
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Iron		0.33	mg/L	0.03	E200.7
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Calcium		23	mg/L	1	E200.7
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.34	mg/L	0.05	E353.2
B07021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	pH		7.4	s.u.	0.1	E150.1
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		163	mg/L	1	A2320 B
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Bicarbonate as HCO3		199	mg/L	1	A2320 B
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Sulfate		14	mg/L	1	E300.0
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.48	mg/L	0.05	E353.2
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	pH		8	s.u.	0.1	E150.1
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Hardness as CaCO3		93	mg/L	1	A2340 B
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		204	mg/L	1	A1030F
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Conductivity		356	umhos/cm	1	A2510 B
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Magnesium		6	mg/L	1	E200.7
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Chloride		3	mg/L	1	E300.0
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Calcium		26	mg/L	1	E200.7
B07021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Sodium		43	mg/L	1	E200.7
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	pH		7.6	s.u.	0.1	E150.1
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.86	mg/L	0.05	E353.2
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Conductivity		414	umhos/cm	1	A2510 B
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Calcium		32	mg/L	1	E200.7
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Iron		0.14	mg/L	0.03	E200.7
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Magnesium		12	mg/L	1	E200.7
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Sodium		43	mg/L	1	E200.7
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		186	mg/L	1	A2320 B
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Sulfate		20	mg/L	1	E300.0
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Hardness as CaCO3		128	mg/L	1	A2340 B
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Bicarbonate as HCO3		227	mg/L	1	A2320 B
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		237	mg/L	1	A1030F
B07021100-004	Aqueous	2/19/2007 11:03	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	pH		7.3	s.u.	0.1	E150.1
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Conductivity		258	umhos/cm	1	A2510 B
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Sulfate		9	mg/L	1	E300.0
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Magnesium		8	mg/L	1	E200.7
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Iron		0.16	mg/L	0.03	E200.7
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Calcium		30	mg/L	1	E200.7
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		113	mg/L	1	A2320 B
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Bicarbonate as HCO3		138	mg/L	1	A2320 B
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Sodium		11	mg/L	1	E200.7
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Hardness as CaCO3		107	mg/L	1	A2340 B
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		151	mg/L	1	A1030F
B07021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		1.09	mg/L	0.05	E353.2
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Iron		0.56	mg/L	0.03	E200.7
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Calcium		32	mg/L	1	E200.7
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Sodium		35	mg/L	1	E200.7
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Magnesium		9	mg/L	1	E200.7
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Conductivity		359	umhos/cm	1	A2510 B
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Sulfate		17	mg/L	1	E300.0
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		212	mg/L	1	A1030F
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Hardness as CaCO3		117	mg/L	1	A2340 B
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Bicarbonate as HCO3		199	mg/L	1	A2320 B
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		163	mg/L	1	A2320 B
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.27	mg/L	0.05	E353.2
B07021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	pH		7.7	s.u.	0.1	E150.1
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Bicarbonate as HCO3		277	mg/L	1	A2320 B
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Magnesium		12	mg/L	1	E200.7
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Conductivity		486	umhos/cm	1	A2510 B
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Hardness as CaCO3		163	mg/L	1	A2340 B
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Sulfate		24	mg/L	1	E300.0
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		283	mg/L	1	A1030F
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		227	mg/L	1	A2320 B
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Chloride		3	mg/L	1	E300.0
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	pH		7.6	s.u.	0.1	E150.1
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Sodium		48	mg/L	1	E200.7
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.28	mg/L	0.05	E353.2
B07021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Calcium		45	mg/L	1	E200.7
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Hardness as CaCO3		107	mg/L	1	A2340 B
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Iron		0.03	mg/L	0.03	E200.7
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Calcium		27	mg/L	1	E200.7
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Magnesium		10	mg/L	1	E200.7
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Sulfate		24	mg/L	1	E300.0
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Chloride		1	mg/L	1	E300.0
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		151	mg/L	1	A2320 B
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Bicarbonate as HCO3		184	mg/L	1	A2320 B
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		1.05	mg/L	0.05	E353.2
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	pH		7.8	s.u.	0.1	E150.1
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Sodium		35	mg/L	1	E200.7
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		204	mg/L	1	A1030F
B07021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Conductivity		356	umhos/cm	1	A2510 B
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Bicarbonate as HCO3		277	mg/L	1	A2320 B
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.45	mg/L	0.05	E353.2
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Sulfate		24	mg/L	1	E300.0
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Sodium		47	mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Magnesium		13	mg/L	1	E200.7
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Iron		0.04	mg/L	0.03	E200.7
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Calcium		42	mg/L	1	E200.7
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		227	mg/L	1	A2320 B
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Conductivity		494	umhos/cm	1	A2510 B
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	pH		7.8	s.u.	0.1	E150.1
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		277	mg/L	1	A1030F
B07021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Hardness as CaCO3		157	mg/L	1	A2340 B
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Sodium		15	mg/L	1	E200.7
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Iron		0.19	mg/L	0.03	E200.7
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Calcium		26	mg/L	1	E200.7
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		149	mg/L	1	A1030F
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Magnesium		8	mg/L	1	E200.7
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	pH		7.3	s.u.	0.1	E150.1
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Conductivity		268	umhos/cm	1	A2510 B
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		119	mg/L	1	A2320 B
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Bicarbonate as HCO3		146	mg/L	1	A2320 B
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		1.12	mg/L	0.05	E353.2
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Sulfate		8	mg/L	1	E300.0
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Hardness as CaCO3		101	mg/L	1	A2340 B
B07021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.14	mg/L	0.05	E353.2
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		267	mg/L	1	A2320 B
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Bicarbonate as HCO3		320	mg/L	1	A2320 B
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Carbonate as CO3		3	mg/L	1	A2320 B
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Conductivity		607	umhos/cm	1	A2510 B
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Hardness as CaCO3		62	mg/L	1	A2340 B
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Sodium		121	mg/L	1	E200.7
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	pH		8.1	s.u.	0.1	E150.1
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		358	mg/L	1	A1030F
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Magnesium		4	mg/L	1	E200.7
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Iron		0.04	mg/L	0.03	E200.7
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Calcium		18	mg/L	1	E200.7
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Chloride		11	mg/L	1	E300.0
B07021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Sulfate		31	mg/L	1	E300.0
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Hardness as CaCO3		15	mg/L	1	A2340 B
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		371	mg/L	1	A1030F
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Calcium		4	mg/L	1	E200.7
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Magnesium		1	mg/L	1	E200.7
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Iron		6.49	mg/L	0.03	E200.7
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	pH		8.5	s.u.	0.1	E150.1
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Conductivity		535	umhos/cm	1	A2510 B
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Sulfate		7	mg/L	1	E300.0
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Sodium		135	mg/L	1	E200.7
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Bicarbonate as HCO3		299	mg/L	1	A2320 B
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		257	mg/L	1	A2320 B
B07021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Carbonate as CO3		7	mg/L	1	A2320 B
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Sulfate		29	mg/L	1	E300.0
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Chloride		4	mg/L	1	E300.0
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Conductivity		481	umhos/cm	1	A2510 B
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Hardness as CaCO3		148	mg/L	1	A2340 B
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Bicarbonate as HCO3		259	mg/L	1	A2320 B
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.8	mg/L	0.05	E353.2
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Magnesium		13	mg/L	1	E200.7
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Calcium		38	mg/L	1	E200.7
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	pH		7.3	s.u.	0.1	E150.1
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		274	mg/L	1	A1030F
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Sodium		48	mg/L	1	E200.7
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		212	mg/L	1	A2320 B
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Hardness as CaCO3		109	mg/L	1	A2340 B
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Sodium		45	mg/L	1	E200.7
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		227	mg/L	1	A1030F
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Conductivity		399	umhos/cm	1	A2510 B
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Bicarbonate as HCO3		215	mg/L	1	A2320 B
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Calcium		28	mg/L	1	E200.7
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	pH		7.9	s.u.	0.1	E150.1
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Sulfate		25	mg/L	1	E300.0
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		177	mg/L	1	A2320 B
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Magnesium		10	mg/L	1	E200.7
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.21	mg/L	0.05	E353.2
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Bicarbonate as HCO3		197	mg/L	1	A2320 B
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Calcium		35	mg/L	1	E200.7
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Magnesium		13	mg/L	1	E200.7
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Sulfate		24	mg/L	1	E300.0

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		205	mg/L	1	A1030F
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.37	mg/L	0.05	E353.2
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		162	mg/L	1	A2320 B
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Conductivity		369	umhos/cm	1	A2510 B
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Sodium		21	mg/L	1	E200.7
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	pH		7.6	s.u.	0.1	E150.1
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Hardness as CaCO3		141	mg/L	1	A2340 B
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Hardness as CaCO3		7	mg/L	1	A2340 B
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Calcium		2	mg/L	1	E200.7
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Bicarbonate as HCO3		227	mg/L	1	A2320 B
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Iron		0.29	mg/L	0.03	E200.7
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Magnesium	ND		mg/L	1	E200.7
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		322	mg/L	1	A1030F
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Chloride		1	mg/L	1	E300.0
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Sulfate		54	mg/L	1	E300.0
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		198	mg/L	1	A2320 B
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Carbonate as CO3		7	mg/L	1	A2320 B
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Conductivity		514	umhos/cm	1	A2510 B
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	pH		8.5	s.u.	0.1	E150.1
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Sodium		128	mg/L	1	E200.7
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Hardness as CaCO3		109	mg/L	1	A2340 B
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		152	mg/L	1	A1030F
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Calcium		30	mg/L	1	E200.7
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	pH		7.3	s.u.	0.1	E150.1
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Conductivity		266	umhos/cm	1	A2510 B
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.85	mg/L	0.05	E353.2
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Sulfate		10	mg/L	1	E300.0
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Magnesium		8	mg/L	1	E200.7
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Sodium		11	mg/L	1	E200.7
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Bicarbonate as HCO3		145	mg/L	1	A2320 B
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		118	mg/L	1	A2320 B
B07021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Conductivity		500	umhos/cm	1	A2510 B
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	pH		7.7	s.u.	0.1	E150.1
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Chloride		4	mg/L	1	E300.0
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Hardness as CaCO3		7	mg/L	1	A2340 B
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Sulfate		36	mg/L	1	E300.0
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.57	mg/L	0.05	E353.2
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Magnesium	ND		mg/L	1	E200.7
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Bicarbonate as HCO3		258	mg/L	1	A2320 B
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Calcium		2	mg/L	1	E200.7
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Sodium		121	mg/L	1	E200.7
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		301	mg/L	1	A1030F
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		212	mg/L	1	A2320 B
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		11.6	grains/gal	0.1	Calculation
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Chloride		5	mg/L	1	E300.0
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.18	mg/L	0.05	E353.2
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		366	mg/L	1	A1030F
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Sulfate		75	mg/L	1	E300.0
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Hardness as CaCO3		198	mg/L	1	A2340 B
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	pH		7.7	s.u.	0.1	A4500 H
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Sodium		60	mg/L	1	E200.7
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Potassium		1	mg/L	1	E200.7
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Magnesium		20	mg/L	1	E200.7
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		242	mg/L	1	A2320 B
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Bicarbonate as HCO3		296	mg/L	1	A2320 B
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Calcium		46	mg/L	1	E200.7
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Conductivity		624	umhos/cm	1	A2510 B
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Chloride		3	mg/L	1	E300.0
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.5	grains/gal	0.1	Calculation
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO3		9	mg/L	1	A2340 B
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Sodium		157	mg/L	1	E200.7
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Conductivity		632	umhos/cm	1	A2510 B
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Sulfate		74	mg/L	1	E300.0
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		389	mg/L	1	A1030F
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		233	mg/L	1	A2320 B
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Bicarbonate as HCO3		265	mg/L	1	A2320 B
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Carbonate as CO3		9	mg/L	1	A2320 B
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Calcium		3	mg/L	1	E200.7
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.51	mg/L	0.05	E353.2
B07051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	pH		8.7	s.u.	0.1	A4500 H
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Magnesium		3	mg/L	1	E200.7
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		2.2	grains/gal	0.1	Calculation
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		261	mg/L	1	A2320 B
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Bicarbonate as HCO3		280	mg/L	1	A2320 B
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Carbonate as CO3		19	mg/L	1	A2320 B
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Conductivity		623	umhos/cm	1	A2510 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Sulfate		44	mg/L	1	E300.0
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Chloride		7	mg/L	1	E300.0
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Iron		9.86	mg/L	0.03	E200.7
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Potassium		3	mg/L	1	E200.7
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Sodium		158	mg/L	1	E200.7
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	pH		9	s.u.	0.1	A4500 H
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		446	mg/L	1	A1030F
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Hardness as CaCO3		37	mg/L	1	A2340 B
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Calcium		10	mg/L	1	E200.7
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		219	mg/L	1	A2320 B
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Bicarbonate as HCO3		239	mg/L	1	A2320 B
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	pH		8.9	s.u.	0.1	A4500 H
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Sulfate		24	mg/L	1	E300.0
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Conductivity		496	umhos/cm	1	A2510 B
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Hardness as CaCO3		4	mg/L	1	A2340 B
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Carbonate as CO3		14	mg/L	1	A2320 B
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Chloride		3	mg/L	1	E300.0
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Iron		0.16	mg/L	0.03	E200.7
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Sodium		133	mg/L	1	E200.7
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.2	grains/gal	0.1	Calculation
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		309	mg/L	1	A1030F
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Calcium		2	mg/L	1	E200.7
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.07	mg/L	0.05	E353.2
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Conductivity		406	umhos/cm	1	A2510 B
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Bicarbonate as HCO3		231	mg/L	1	A2320 B
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		190	mg/L	1	A2320 B
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6	grains/gal	0.1	Calculation
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		233	mg/L	1	A1030F
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Sulfate		18	mg/L	1	E300.0
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Calcium		26	mg/L	1	E200.7
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Iron		0.16	mg/L	0.03	E200.7
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Sodium		52	mg/L	1	E200.7
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Hardness as CaCO3		102	mg/L	1	A2340 B
B07051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	pH		8.1	s.u.	0.1	A4500 H
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Hardness as CaCO3		119	mg/L	1	A2340 B
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Sodium		13	mg/L	1	E200.7
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.34	mg/L	0.05	E353.2
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	pH		7.6	s.u.	0.1	A4500 H
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Iron		0.04	mg/L	0.03	E200.7
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		162	mg/L	1	A1030F
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Sulfate		10	mg/L	1	E300.0
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6.9	grains/gal	0.1	Calculation
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Bicarbonate as HCO3		156	mg/L	1	A2320 B
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Conductivity		278	umhos/cm	1	A2510 B
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		128	mg/L	1	A2320 B
B07051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Calcium		33	mg/L	1	E200.7
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		225	mg/L	1	A1030F
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Chloride		2	mg/L	1	E300.0
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Sulfate		15	mg/L	1	E300.0
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Hardness as CaCO3		130	mg/L	1	A2340 B
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		7.6	grains/gal	0.1	Calculation
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Calcium		37	mg/L	1	E200.7
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.07	mg/L	0.05	E353.2
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	pH		8.3	s.u.	0.1	A4500 H
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Sodium		37	mg/L	1	E200.7
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Conductivity		400	umhos/cm	1	A2510 B
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Iron		0.33	mg/L	0.03	E200.7
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Carbonate as CO3		3	mg/L	1	A2320 B
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Bicarbonate as HCO3		228	mg/L	1	A2320 B
B07051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		191	mg/L	1	A2320 B
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Magnesium		12	mg/L	1	E200.7
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Conductivity		499	umhos/cm	1	A2510 B
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Chloride		2	mg/L	1	E300.0
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		292	mg/L	1	A1030F
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Sulfate		24	mg/L	1	E300.0
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		9.6	grains/gal	0.1	Calculation
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	pH		7.9	s.u.	0.1	A4500 H
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Sodium		55	mg/L	1	E200.7
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		231	mg/L	1	A2320 B
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Potassium		1	mg/L	1	E200.7
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Hardness as CaCO3		165	mg/L	1	A2340 B
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Calcium		46	mg/L	1	E200.7
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Bicarbonate as HCO3		282	mg/L	1	A2320 B
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Conductivity		339	umhos/cm	1	A2510 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Hardness as CaCO3		111	mg/L	1	A2340 B
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Calcium		29	mg/L	1	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	pH		8	s.u.	0.1	A4500 H
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Sodium		33	mg/L	1	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		199	mg/L	1	A1030F
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6.5	grains/gal	0.1	Calculation
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Sulfate		20	mg/L	1	E300.0
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Bicarbonate as HCO3		182	mg/L	1	A2320 B
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		149	mg/L	1	A2320 B
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.6	mg/L	0.05	E353.2
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Conductivity		496	umhos/cm	1	A2510 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	pH		7.9	s.u.	0.1	A4500 H
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Bicarbonate as HCO3		286	mg/L	1	A2320 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		234	mg/L	1	A2320 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Chloride		2	mg/L	1	E300.0
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		9.7	grains/gal	0.1	Calculation
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Hardness as CaCO3		166	mg/L	1	A2340 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		290	mg/L	1	A1030F
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Magnesium		13	mg/L	1	E200.7
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Sulfate		22	mg/L	1	E300.0
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Sodium		54	mg/L	1	E200.7
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.16	mg/L	0.05	E353.2
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Calcium		45	mg/L	1	E200.7
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		144	mg/L	1	A2320 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	pH		7.7	s.u.	0.1	A4500 H
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Sodium		18	mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Bicarbonate as HCO3		175	mg/L	1	A2320 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Conductivity		310	umhos/cm	1	A2510 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Sulfate		10	mg/L	1	E300.0
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		175	mg/L	1	A1030F
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		7	grains/gal	0.1	Calculation
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Calcium		32	mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Magnesium		10	mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Hardness as CaCO3		119	mg/L	1	A2340 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.55	mg/L	0.05	E353.2
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Sulfate		38	mg/L	1	E300.0
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Chloride		14	mg/L	1	E300.0
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Hardness as CaCO3		39	mg/L	1	A2340 B
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		2.3	grains/gal	0.1	Calculation
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Conductivity		681	umhos/cm	1	A2510 B
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		417	mg/L	1	A1030F
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		293	mg/L	1	A2320 B
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Sodium		163	mg/L	1	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	pH		8.5	s.u.	0.1	A4500 H
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.07	mg/L	0.05	E353.2
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Bicarbonate as HCO3		339	mg/L	1	A2320 B
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Magnesium		2	mg/L	1	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Calcium		12	mg/L	1	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Carbonate as CO3		9	mg/L	1	A2320 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Calcium		3	mg/L	1	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Sodium		138	mg/L	1	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Carbonate as CO3		4	mg/L	1	A2320 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Bicarbonate as HCO3		299	mg/L	1	A2320 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		252	mg/L	1	A2320 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		331	mg/L	1	A1030F
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Iron		2.5	mg/L	0.03	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.5	grains/gal	0.1	Calculation
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Chloride		2	mg/L	1	E300.0
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Hardness as CaCO3		9	mg/L	1	A2340 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Sulfate		7	mg/L	1	E300.0
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Conductivity		527	umhos/cm	1	A2510 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	pH		8.5	s.u.	0.1	A4500 H
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.79	mg/L	0.05	E353.2
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Sulfate		28	mg/L	1	E300.0
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		209	mg/L	1	A2320 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Bicarbonate as HCO3		255	mg/L	1	A2320 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Hardness as CaCO3		155	mg/L	1	A2340 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		9	grains/gal	0.1	Calculation
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Conductivity		472	umhos/cm	1	A2510 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Sodium		50	mg/L	1	E200.7
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	pH		7.6	s.u.	0.1	A4500 H
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Calcium		41	mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Magnesium		12	mg/L	1	E200.7
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Chloride		4	mg/L	1	E300.0
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		276	mg/L	1	A1030F
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Hardness as CaCO3		112	mg/L	1	A2340 B
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Calcium		29	mg/L	1	E200.7
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	pH		7.9	s.u.	0.1	A4500 H
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		232	mg/L	1	A1030F
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Conductivity		393	umhos/cm	1	A2510 B
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6.5	grains/gal	0.1	Calculation
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Sulfate		23	mg/L	1	E300.0
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.22	mg/L	0.05	E353.2
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Sodium		48	mg/L	1	E200.7
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		177	mg/L	1	A2320 B
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Bicarbonate as HCO3		217	mg/L	1	A2320 B
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Bicarbonate as HCO3		179	mg/L	1	A2320 B
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Sulfate		29	mg/L	1	E300.0
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		208	mg/L	1	A1030F
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Hardness as CaCO3		127	mg/L	1	A2340 B
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		7.4	grains/gal	0.1	Calculation
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.26	mg/L	0.05	E353.2
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		147	mg/L	1	A2320 B
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Sodium		30	mg/L	1	E200.7
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Calcium		35	mg/L	1	E200.7
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Conductivity		353	umhos/cm	1	A2510 B
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	pH		7.9	s.u.	0.1	A4500 H
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Sulfate		25	mg/L	1	E300.0
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.48	mg/L	0.05	E353.2
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Calcium		39	mg/L	1	E200.7
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	pH		7.7	s.u.	0.1	A4500 H
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Sodium		31	mg/L	1	E200.7
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Potassium		1	mg/L	1	E200.7
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Magnesium		11	mg/L	1	E200.7
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Iron		0.03	mg/L	0.03	E200.7
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		224	mg/L	1	A1030F
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Hardness as CaCO3		143	mg/L	1	A2340 B
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Bicarbonate as HCO3		207	mg/L	1	A2320 B
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		169	mg/L	1	A2320 B
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Conductivity		388	umhos/cm	1	A2510 B
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		8.4	grains/gal	0.1	Calculation
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Calcium		2	mg/L	1	E200.7
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Chloride	ND		mg/L	1	E300.0
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Conductivity		505	umhos/cm	1	A2510 B
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	pH		8.8	s.u.	0.1	A4500 H
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sulfate		51	mg/L	1	E300.0
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Carbonate as CO3		9	mg/L	1	A2320 B
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		312	mg/L	1	A1030F
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sodium		125	mg/L	1	E200.7
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		198	mg/L	1	A2320 B
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Bicarbonate as HCO3		223	mg/L	1	A2320 B
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Hardness as CaCO3		6	mg/L	1	A2340 B
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.4	grains/gal	0.1	Calculation
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Iron		0.06	mg/L	0.03	E200.7
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.64	mg/L	0.05	E353.2
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	pH		7.6	s.u.	0.1	A4500 H
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Magnesium		8	mg/L	1	E200.7
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Sodium		12	mg/L	1	E200.7
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Calcium		33	mg/L	1	E200.7
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Conductivity		273	umhos/cm	1	A2510 B
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Sulfate		9	mg/L	1	E300.0
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Bicarbonate as HCO3		150	mg/L	1	A2320 B
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		157	mg/L	1	A1030F
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		123	mg/L	1	A2320 B
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Hardness as CaCO3		115	mg/L	1	A2340 B
B07051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6.7	grains/gal	0.1	Calculation
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Bicarbonate as HCO3		232	mg/L	1	A2320 B
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Carbonate as CO3		17	mg/L	1	A2320 B
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Chloride		11	mg/L	1	E300.0
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Sulfate		37	mg/L	1	E300.0
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		219	mg/L	1	A2320 B
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		1.08	mg/L	0.05	E353.2

Horse Creek CGWA Water Quality Data

LabSampid	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Conductivity		548	umhos/cm	1	A2510 B
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Sodium		142	mg/L	1	E200.7
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO3		4	mg/L	1	A2340 B
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	pH		8.9	s.u.	0.1	A4500 H
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.2	grains/gal	0.1	Calculation
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Calcium		2	mg/L	1	E200.7
B07051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		341	mg/L	1	A1030F
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Conductivity		519	umhos/cm	1	A2510 B
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	pH		8	s.u.	0.1	A4500 H
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		216	mg/L	1	A2320 B
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Bicarbonate as HCO3		263	mg/L	1	A2320 B
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.74	mg/L	0.05	E353.2
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sodium		123	mg/L	1	E200.7
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		312	mg/L	1	A1030F
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO3		8	mg/L	1	A2340 B
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.5	grains/gal	0.1	Calculation
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Chloride		4	mg/L	1	E300.0
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sulfate		38	mg/L	1	E300.0
B07051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Calcium		3	mg/L	1	E200.7
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Sodium		37	mg/L	1	E200.7
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Conductivity		750	umhos/cm	1	A2510 B
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Sulfate		96	mg/L	1	E300.0
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Chloride		28	mg/L	1	E300.0
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Calcium		71	mg/L	1	E200.7
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	pH		8	s.u.	0.1	A4500 H
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		4.88	mg/L	0.05	E353.2
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Magnesium		33	mg/L	1	E200.7
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Iron		0.19	mg/L	0.03	E200.7
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Bicarbonate as HCO3		289	mg/L	1	A2320 B
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		237	mg/L	1	A2320 B
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		18.4	grains/gal	0.1	Calculation
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Hardness as CaCO3		314	mg/L	1	A2340 B
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		440	mg/L	1	A1030F
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		336	mg/L	1	A1030F
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	pH		8.6	s.u.	0.1	A4500 H
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Conductivity		567	umhos/cm	1	A2510 B
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Hardness as CaCO3		7	mg/L	1	A2340 B
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.4	grains/gal	0.1	Calculation
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Sulfate		36	mg/L	1	E300.0
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Chloride		2	mg/L	1	E300.0
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		1.1	mg/L	0.05	E353.2
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Calcium		2	mg/L	1	E200.7
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		241	mg/L	1	A2320 B
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Bicarbonate as HCO3		279	mg/L	1	A2320 B
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Carbonate as CO3		8	mg/L	1	A2320 B
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Sodium		136	mg/L	1	E200.7
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Conductivity		486	umhos/cm	1	A2510 B
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Sodium		112	mg/L	1	E200.7
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Iron		0.13	mg/L	0.03	E200.7
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Calcium		1	mg/L	1	E200.7
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	pH		8.8	s.u.	0.1	A4500 H
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Carbonate as CO3		14	mg/L	1	A2320 B
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.2	grains/gal	0.1	Calculation
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Hardness as CaCO3		4	mg/L	1	A2340 B
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		281	mg/L	1	A1030F
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Sulfate		22	mg/L	1	E300.0
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Bicarbonate as HCO3		234	mg/L	1	A2320 B
B07082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		215	mg/L	1	A2320 B
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		5.4	grains/gal	0.1	Calculation
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Conductivity		336	umhos/cm	1	A2510 B
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	pH		8	s.u.	0.1	A4500 H
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Sodium		38	mg/L	1	E200.7
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Potassium		1	mg/L	1	E200.7
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Magnesium		6	mg/L	1	E200.7
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		192	mg/L	1	A1030F
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.39	mg/L	0.05	E353.2
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Hardness as CaCO3		92	mg/L	1	A2340 B
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Irrigation Classification	--				Visual

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Calcium		27	mg/L	1	E200.7
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Bicarbonate as HCO3		189	mg/L	1	A2320 B
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Sulfate		13	mg/L	1	E300.0
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		155	mg/L	1	A2320 B
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.22	mg/L	0.05	E353.2
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Potassium		1	mg/L	1	E200.7
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Magnesium		11	mg/L	1	E200.7
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		192	mg/L	1	A2320 B
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Iron		1.87	mg/L	0.03	E200.7
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Sodium		33	mg/L	1	E200.7
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Bicarbonate as HCO3		234	mg/L	1	A2320 B
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Hardness as CaCO3		143	mg/L	1	A2340 B
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Calcium		40	mg/L	1	E200.7
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		8.3	grains/gal	0.1	Calculation
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		239	mg/L	1	A1030F
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	pH		8.3	s.u.	0.1	A4500 H
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Conductivity		398	umhos/cm	1	A2510 B
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Chloride		2	mg/L	1	E300.0
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Sulfate		14	mg/L	1	E300.0
B07082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		132	mg/L	1	A2320 B
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Bicarbonate as HCO3		161	mg/L	1	A2320 B
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Sulfate		10	mg/L	1	E300.0
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.2	mg/L	0.05	E353.2
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Calcium		37	mg/L	1	E200.7
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Iron		5.8	mg/L	0.06	E200.7
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Magnesium		10	mg/L	1	E200.7
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Sodium		13	mg/L	1	E200.7
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		7.8	grains/gal	0.1	Calculation
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		190	mg/L	1	A1030F
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Hardness as CaCO3		133	mg/L	1	A2340 B
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Chloride		1	mg/L	1	E300.0
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	pH		7.5	s.u.	0.1	A4500 H
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Conductivity		283	umhos/cm	1	A2510 B
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3		132	mg/L	1	A2340 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		290	mg/L	1	A1030F
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sodium		58	mg/L	1	E200.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		7.7	grains/gal	0.1	Calculation
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Magnesium		12	mg/L	1	E200.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Iron		0.05	mg/L	0.03	E200.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Calcium		33	mg/L	1	E200.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Conductivity		490	umhos/cm	1	A2510 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	pH		8.2	s.u.	0.1	A4500 H
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Bicarbonate as HCO3		281	mg/L	1	A2320 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		230	mg/L	1	A2320 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sulfate		25	mg/L	1	E300.0
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		9.2	grains/gal	0.1	Calculation
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Sodium		50	mg/L	1	E200.7
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Calcium		43	mg/L	1	E200.7
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Sulfate		22	mg/L	1	E300.0
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.33	mg/L	0.05	E353.2
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Chloride		2	mg/L	1	E300.0
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Magnesium		12	mg/L	1	E200.7
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Iron		0.49	mg/L	0.03	E200.7
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		287	mg/L	1	A1030F
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Hardness as CaCO3		158	mg/L	1	A2340 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	pH		8.1	s.u.	0.1	A4500 H
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Bicarbonate as HCO3		290	mg/L	1	A2320 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		238	mg/L	1	A2320 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Conductivity		499	umhos/cm	1	A2510 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Sulfate		11	mg/L	1	E300.0
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Chloride	ND		mg/L	1	E300.0
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Bicarbonate as HCO3		182	mg/L	1	A2320 B
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Conductivity		312	umhos/cm	1	A2510 B
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		7.2	grains/gal	0.1	Calculation
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Hardness as CaCO3		122	mg/L	1	A2340 B
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		181	mg/L	1	A1030F
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	pH		7.8	s.u.	0.1	A4500 H
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.35	mg/L	0.05	E353.2
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		149	mg/L	1	A2320 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Calcium		33	mg/L	1	E200.7
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Magnesium		10	mg/L	1	E200.7
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Sodium		20	mg/L	1	E200.7
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Calcium		53	mg/L	1	E200.7
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		350	mg/L	1	A1030F
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Hardness as CaCO3		205	mg/L	1	A2340 B
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		12	grains/gal	0.1	Calculation
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.25	mg/L	0.05	E353.2
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Iron		0.11	mg/L	0.03	E200.7
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Sodium		57	mg/L	1	E200.7
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Conductivity		596	umhos/cm	1	A2510 B
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	pH		8	s.u.	0.1	A4500 H
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Bicarbonate as HCO3		338	mg/L	1	A2320 B
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		277	mg/L	1	A2320 B
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Magnesium		17	mg/L	1	E200.7
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Sulfate		37	mg/L	1	E300.0
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride		2	mg/L	1	E300.0
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate		4	mg/L	1	E300.0
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Potassium		9	mg/L	1	E200.7
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sodium		127	mg/L	2	E200.7
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Calcium		11	mg/L	1	E200.7
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron		38	mg/L	0.2	E200.7
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO3		59	mg/L	1	A2340 B
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		600	mg/L	1	A1030F
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Carbonate as CO3		9	mg/L	1	A2320 B
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Bicarbonate as HCO3		304	mg/L	1	A2320 B
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	pH		8.6	s.u.	0.1	A4500 H
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity		546	umhos/cm	1	A2510 B
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium		8	mg/L	1	E200.7
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		264	mg/L	1	A2320 B
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		3.4	grains/gal	0.1	Calculation
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Bicarbonate as HCO3		246	mg/L	1	A2320 B
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Hardness as CaCO3		165	mg/L	1	A2340 B
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Sulfate		14	mg/L	1	E300.0
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		235	mg/L	1	A1030F
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.7	mg/L	0.05	E353.2
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Potassium		1	mg/L	1	E200.7
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	pH		7.9	s.u.	0.1	A4500 H
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Sodium		27	mg/L	1	E200.7
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		9.7	grains/gal	0.1	Calculation
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Calcium		43	mg/L	1	E200.7
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Conductivity		422	umhos/cm	1	A2510 B
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		201	mg/L	1	A2320 B
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Magnesium		14	mg/L	1	E200.7
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Calcium		40	mg/L	1	E200.7
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Sulfate		26	mg/L	1	E300.0
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Magnesium		12	mg/L	1	E200.7
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		1.31	mg/L	0.05	E353.2
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		8.6	grains/gal	0.1	Calculation
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Sodium		47	mg/L	1	E200.7
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Hardness as CaCO3		147	mg/L	1	A2340 B
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	pH		7.8	s.u.	0.1	A4500 H
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Conductivity		480	umhos/cm	1	A2510 B
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		216	mg/L	1	A2320 B
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		275	mg/L	1	A1030F
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Bicarbonate as HCO3		264	mg/L	1	A2320 B
B07082466-003	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		178	mg/L	1	A2320 B
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Bicarbonate as HCO3		218	mg/L	1	A2320 B
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		227	mg/L	1	A1030F
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Calcium		27	mg/L	1	E200.7
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity		393	umhos/cm	1	A2510 B
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sodium		48	mg/L	1	E200.7
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO3		104	mg/L	1	A2340 B
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		6.1	grains/gal	0.1	Calculation
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium		9	mg/L	1	E200.7
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate		23	mg/L	1	E300.0

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	pH		8.3	s.u.	0.1	A4500 H
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride		1	mg/L	1	E300.0
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.16	mg/L	0.05	E353.2
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Bicarbonate as HCO3		234	mg/L	1	A2320 B
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		203	mg/L	1	A2320 B
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Iron		0.12	mg/L	0.03	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Calcium		2	mg/L	1	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Conductivity		513	umhos/cm	1	A2510 B
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Carbonate as CO3		6	mg/L	1	A2320 B
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	pH		8.5	s.u.	0.1	A4500 H
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		308	mg/L	1	A1030F
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Chloride	ND		mg/L	1	E300.0
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Sodium		120	mg/L	1	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Sulfate		49	mg/L	1	E300.0
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.4	grains/gal	0.1	Calculation
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Hardness as CaCO3		6	mg/L	1	A2340 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		158	mg/L	1	A1030F
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Sodium		12	mg/L	1	E200.7
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Hardness as CaCO3		113	mg/L	1	A2340 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	pH		7.9	s.u.	0.1	A4500 H
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Chloride		1	mg/L	1	E300.0
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Magnesium		8	mg/L	1	E200.7
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Calcium		32	mg/L	1	E200.7
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.53	mg/L	0.05	E353.2
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		6.6	grains/gal	0.1	Calculation
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Conductivity		274	umhos/cm	1	A2510 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Bicarbonate as HCO3		155	mg/L	1	A2320 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		127	mg/L	1	A2320 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Sulfate		10	mg/L	1	E300.0
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Calcium	ND		mg/L	1	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Sodium		113	mg/L	1	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		210	mg/L	1	A2320 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.25	mg/L	0.05	E353.2
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Bicarbonate as HCO3		220	mg/L	1	A2320 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Carbonate as CO3		18	mg/L	1	A2320 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.1	grains/gal	0.1	Calculation
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Hardness as CaCO3		2	mg/L	1	A2340 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		276	mg/L	1	A1030F
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	pH		8.9	s.u.	0.1	A4500 H
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Conductivity		466	umhos/cm	1	A2510 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Sulfate		20	mg/L	1	E300.0
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		218	mg/L	1	A2320 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Bicarbonate as HCO3		266	mg/L	1	A2320 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Hardness as CaCO3		6	mg/L	1	A2340 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		303	mg/L	1	A1030F
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Sulfate		29	mg/L	1	E300.0
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Chloride		4	mg/L	1	E300.0
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Sodium		121	mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	pH		8.1	s.u.	0.1	A4500 H
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		1.13	mg/L	0.05	E353.2
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Iron		0.03	mg/L	0.03	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Calcium		2	mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Conductivity		506	umhos/cm	1	A2510 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.4	grains/gal	0.1	Calculation
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Irrigation Classification	--				Visual

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Zinc	ND		mg/L	0.01	E200.8
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Chloride		2	mg/L	1	E300.0
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Nitrogen, Nitrate+Nitrite as N		0.11	mg/L	0.05	E353.2
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	pH		7.7	s.u.	0.1	E150.1
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Solids, Total Dissolved TDS @ 180 C		219	mg/L	10	A2540 C
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Carbonate as CO3	ND		mg/L	4	A2320 B
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Arsenic	ND		mg/L	0.005	E200.8
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Barium		0.1	mg/L	0.1	E200.8
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Sulfate		17	mg/L	1	E300.0
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Manganese		0.09	mg/L	0.01	E200.8
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Bicarbonate as HCO3		278	mg/L	4	A2320 B
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Magnesium		16	mg/L	1	E200.7
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Hardness as CaCO3		157	mg/L	1	A2340 B
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Conductivity		416	umhos/cm	1	A2510 B
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Sodium		37	mg/L	1	E200.7
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Calcium		39	mg/L	1	E200.7
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Iron		0.86	mg/L	0.05	E200.7
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Alkalinity, Total as CaCO3		228	mg/L	4	A2320 B
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Lead	ND		mg/L	0.01	E200.8
802020552-001	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Potassium		1	mg/L	1	E200.7
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Nitrogen, Nitrate+Nitrite as N		0.4	mg/L	0.05	E353.2
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Carbonate as CO3	ND		mg/L	4	A2320 B
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Alkalinity, Total as CaCO3		247	mg/L	4	A2320 B
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	pH		7.2	s.u.	0.1	E150.1
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Conductivity		475	umhos/cm	1	A2510 B
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Zinc	ND		mg/L	0.01	E200.8
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Bicarbonate as HCO3		302	mg/L	4	A2320 B
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Chloride		2	mg/L	1	E300.0
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Sulfate		23	mg/L	1	E300.0
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Arsenic	ND		mg/L	0.005	E200.8
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Barium	ND		mg/L	0.1	E200.8
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Manganese	ND		mg/L	0.01	E200.8
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Hardness as CaCO3		145	mg/L	1	A2340 B
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Solids, Total Dissolved TDS @ 180 C		228	mg/L	10	A2540 C
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Calcium		39	mg/L	1	E200.7
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Iron	ND		mg/L	0.03	E200.7
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Magnesium		12	mg/L	1	E200.7
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Potassium	ND		mg/L	1	E200.7
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Sodium		45	mg/L	1	E200.7
802020552-002	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Lead	ND		mg/L	0.01	E200.8
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Chloride		1	mg/L	1	E300.0
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	pH		7.7	s.u.	0.1	E150.1
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Conductivity		406	umhos/cm	1	A2510 B
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		182	mg/L	3	A2320 B
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Bicarbonate as HCO3		223	mg/L	3	A2320 B
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		215	mg/L	10	A2540 C
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Sulfate		22	mg/L	1	E300.0
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Hardness as CaCO3		95	mg/L	1	A2340 B
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Magnesium		8	mg/L	1	E200.7
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Potassium	ND		mg/L	1	E200.7
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Sodium		39	mg/L	1	E200.7
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Calcium		25	mg/L	1	E200.7
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		1.73		0.01	Calculation
803090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.21	mg/L	0.05	E353.2
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Conductivity		437	umhos/cm	1	A2510 B
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Chloride		2	mg/L	1	E300.0
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	pH		7.5	s.u.	0.1	E150.1
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sulfate		18	mg/L	1	E300.0
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		244	mg/L	10	A2540 C
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		204	mg/L	3	A2320 B
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Bicarbonate as HCO3		249	mg/L	3	A2320 B
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Hardness as CaCO3		95	mg/L	1	A2340 B
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Calcium		24	mg/L	1	E200.7
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Magnesium		9	mg/L	1	E200.7
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Potassium		2	mg/L	1	E200.7
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sodium		47	mg/L	1	E200.7
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		2.09		0.01	Calculation
803090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.16	mg/L	0.05	E353.2
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		178	mg/L	10	A2540 C
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Sulfate		9	mg/L	1	E300.0
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Chloride		1	mg/L	1	E300.0
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	pH		7.4	s.u.	0.1	E150.1
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Bicarbonate as HCO3		183	mg/L	3	A2320 B
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		150	mg/L	3	A2320 B
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Conductivity		321	umhos/cm	1	A2510 B
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		0.7		0.01	Calculation
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Sodium		17	mg/L	1	E200.7
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Potassium	ND		mg/L	1	E200.7
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Magnesium		9	mg/L	1	E200.7
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Calcium		29	mg/L	1	E200.7
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Hardness as CaCO3		111	mg/L	1	A2340 B
803090735-003	Aqueous	9/14/2003 14:11	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.55	mg/L	0.05	E353.2
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	pH		7.7	s.u.	0.1	E150.1
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Sulfate		13	mg/L	1	E300.0
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		193	mg/L	3	A2320 B
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Conductivity		400	umhos/cm	1	A2510 B
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Bicarbonate as HCO3		236	mg/L	3	A2320 B
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	RLimit	Method
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		227	mg/L	10	A2540 C
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Chloride		2	mg/L	1	E300.0
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Hardness as CaCO3		120	mg/L	1	A2340 B
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Sodium		29	mg/L	1	E200.7
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Calcium		34	mg/L	1	E200.7
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Magnesium		9	mg/L	1	E200.7
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		1.15		0.01	Calculation
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Potassium		1	mg/L	1	E200.7
803090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.08	mg/L	0.05	E353.2
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Conductivity		523	umhos/cm	1	A2510 B
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		228	mg/L	3	A2320 B
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Bicarbonate as HCO3		278	mg/L	3	A2320 B
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		296	mg/L	10	A2540 C
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Chloride		3	mg/L	1	E300.0
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Sulfate		33	mg/L	1	E300.0
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	pH		7.6	s.u.	0.1	E150.1
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Hardness as CaCO3		7	mg/L	1	A2340 B
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		17.8		0.01	Calculation
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Magnesium	ND		mg/L	1	E200.7
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Calcium		2	mg/L	1	E200.7
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Potassium	ND		mg/L	1	E200.7
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Sodium		105	mg/L	1	E200.7
803090735-005	Aqueous	9/14/2003 16:00	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.07	mg/L	0.05	E353.2
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C		223	mg/L	10	A2540 C
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Chloride		3	mg/L	1	E300.0
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Sulfate		25	mg/L	1	E300.0
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Carbonate as CO3	ND		mg/L	1	A2320 B
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Bicarbonate as HCO3		229	mg/L	3	A2320 B
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3		187	mg/L	3	A2320 B
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	pH		7.4	s.u.	0.1	E150.1
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Conductivity		421	umhos/cm	1	A2510 B
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Hardness as CaCO3		144	mg/L	1	A2340 B
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Calcium		35	mg/L	1	E200.7
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Potassium		1	mg/L	1	E200.7
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Sodium		26	mg/L	1	E200.7
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Magnesium		14	mg/L	1	E200.7
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)		0.95		0.01	Calculation
803090735-006	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N		0.17	mg/L	0.05	E353.2
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Bicarbonate as HCO3		265	mg/L	2	A2320 B
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Carbonate as CO3		30	mg/L	1	A2320 B
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Chloride		2	mg/L	1	E300.0
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Sulfate		32	mg/L	1	E300.0
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Conductivity		584	umhos/cm	1	A2510 B
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Fluoride		2.51	mg/L	0.1	A4500-F C
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	pH		8.8	s.u.	0.1	E150.1
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Solids, Total Dissolved TDS @ 180 C		400	mg/L	10	A2540 C
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Alkalinity, Total as CaCO3		267	mg/L	2	A2320 B
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Arsenic	ND		mg/L	0.005	E200.8
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Arsenic	ND		mg/L	0.005	E200.8
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Copper	ND		mg/L	0.01	E200.7
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Iron	ND		mg/L	0.03	E200.7
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Magnesium	ND		mg/L	1	E200.7
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Manganese	ND		mg/L	0.01	E200.7
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Potassium	ND		mg/L	1	E200.7
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Sodium		149	mg/L	1	E200.7
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Zinc	ND		mg/L	0.01	E200.7
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Lead	ND		mg/L	0.01	E200.8
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Hardness as CaCO3		3	mg/L	1	A2340 B
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Sodium Adsorption Ratio (SAR)		34.6		0.01	Calculation
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Calcium		1	mg/L	1	E200.7
804121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/11/2005	Nitrogen, Nitrate+Nitrite as N		0.06	mg/L	0.05	E353.2
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Chloride		23	mg/L	1	E300.0
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sulfate		108	mg/L	1	E300.0
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	pH		8.2	s.u.	0.1	E150.1
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Conductivity		949	umhos/cm	1	A2510 B
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		382	mg/L	1	A2320 B
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Bicarbonate as HCO3		466	mg/L	1	A2320 B
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		573	mg/L	10	A2540 C
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		1.65	mg/L	0.05	E353.2
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sodium		188	mg/L	1	E200.7
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		8.5		0.01	Calculation
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Calcium		28	mg/L	1	E200.7
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Hardness as CaCO3		93	mg/L	1	A2340 B
806021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Magnesium		6	mg/L	1	E200.7
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Chloride		2	mg/L	1	E300.0
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		430	mg/L	10	A2540 C
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	pH		8.1	s.u.	0.1	E150.1
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Sulfate		56	mg/L	1	E300.0
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Carbonate as CO3		37	mg/L	1	A2320 B
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Bicarbonate as HCO3		260	mg/L	1	A2320 B
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		275	mg/L	1	A2320 B
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Conductivity		637	umhos/cm	1	A2510 B
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		18.5		0.01	Calculation
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Hardness as CaCO3		12	mg/L	1	A2340 B
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Sodium		146	mg/L	1	E200.7
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Calcium		3	mg/L	1	E200.7
806021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7

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Horse_Cr_Combined_WQ_101007

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Magnesium	ND		mg/L	1	E200.7
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		219	mg/L	10	A2540 C
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		190	mg/L	1	A2320 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Bicarbonate as HCO3		231	mg/L	1	A2320 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Chloride		2	mg/L	1	E300.0
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Sulfate		24	mg/L	1	E300.0
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Conductivity		372	umhos/cm	1	A2510 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	pH		8.1	s.u.	0.1	E150.1
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		0.28	mg/L	0.05	E353.2
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Magnesium		9	mg/L	1	E200.7
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Sodium		43	mg/L	1	E200.7
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Hardness as CaCO3		116	mg/L	1	A2340 B
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		1.74		0.01	Calculation
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Calcium		31	mg/L	1	E200.7
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		225	mg/L	1	A2320 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Bicarbonate as HCO3		275	mg/L	1	A2320 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Chloride		7	mg/L	1	E300.0
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Conductivity		482	umhos/cm	1	A2510 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	pH		7.9	s.u.	0.1	E150.1
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		268	mg/L	10	A2540 C
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Sulfate		29	mg/L	1	E300.0
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		1.44	mg/L	0.05	E353.2
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Hardness as CaCO3		156	mg/L	1	A2340 B
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Sodium		46	mg/L	1	E200.7
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		1.61		0.01	Calculation
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Calcium		42	mg/L	1	E200.7
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Magnesium		12	mg/L	1	E200.7
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Carbonate as CO3		5	mg/L	1	A2320 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Bicarbonate as HCO3		345	mg/L	1	A2320 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		324	mg/L	1	A2320 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Chloride		20	mg/L	1	E300.0
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Sulfate		34	mg/L	1	E300.0
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Conductivity		703	umhos/cm	1	A2510 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	pH		8.5	s.u.	0.1	E150.1
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		403	mg/L	10	A2540 C
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Potassium		1	mg/L	1	E200.7
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Hardness as CaCO3		34	mg/L	1	A2340 B
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Sodium		153	mg/L	1	E200.7
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Calcium		10	mg/L	1	E200.7
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		11.5		0.01	Calculation
B06021281-005	Aqueous	2/20/2006 14:06	2/21/2006	3/3/2006	Magnesium		2	mg/L	1	E200.7
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		221	mg/L	1	A2320 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Bicarbonate as HCO3		269	mg/L	1	A2320 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Chloride		3	mg/L	1	E300.0
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sulfate		18	mg/L	1	E300.0
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Conductivity		428	umhos/cm	1	A2510 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	pH		8	s.u.	0.1	E150.1
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		238	mg/L	10	A2540 C
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		0.3	mg/L	0.05	E353.2
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Calcium		41	mg/L	1	E200.7
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		1.27		0.01	Calculation
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Magnesium		11	mg/L	1	E200.7
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Hardness as CaCO3		146	mg/L	1	A2340 B
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sodium		36	mg/L	1	E200.7
B06021281-006	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Potassium		2	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Conductivity		480	umhos/cm	1	A2510 B
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	pH		8	s.u.	0.1	E150.1
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Sulfate		24	mg/L	1	E300.0
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Chloride		4	mg/L	1	E300.0
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Bicarbonate as HCO3		293	mg/L	1	A2320 B
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		240	mg/L	1	A2320 B
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		278	mg/L	10	A2540 C
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		0.56	mg/L	0.05	E353.2
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		2.25		0.01	Calculation
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Calcium		30	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Magnesium		12	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Potassium		5	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Sodium		58	mg/L	1	E200.7
B06021281-007	Aqueous	2/20/2006 15:55	2/21/2006	3/3/2006	Hardness as CaCO3		125	mg/L	1	A2340 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Conductivity		482	umhos/cm	1	A2510 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C		278	mg/L	10	A2540 C
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3		232	mg/L	1	A2320 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	pH		8.2	s.u.	0.1	E150.1
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Sulfate		32	mg/L	1	E300.0
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Chloride		4	mg/L	1	E300.0
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Bicarbonate as HCO3		283	mg/L	1	A2320 B
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N		0.27	mg/L	0.05	E353.2
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)		17.7		0.01	Calculation
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Calcium		3	mg/L	1	E200.7
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Sodium		113	mg/L	1	E200.7
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Magnesium	ND		mg/L	1	E200.7
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Potassium	ND		mg/L	1	E200.7
B06021281-008	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Hardness as CaCO3		8	mg/L	1	A2340 B

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Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	Nlimit	Method
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Bicarbonate as HCO3		263	mg/L	1	A2320 B
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Hardness as CaCO3		3	mg/L	1	A2340 B
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3		250	mg/L	1	A2320 B
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Calcium		1	mg/L	1	E200.7
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Sodium		123	mg/L	1	E200.7
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Potassium	ND		mg/L	1	E200.7
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C		318	mg/L	10	A2540 C
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	pH		9	s.u.	0.1	E150.1
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Conductivity		517	umhos/cm	1	A2510 B
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Magnesium	ND		mg/L	1	E200.7
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Carbonate as CO3		21	mg/L	1	A2320 B
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride		3	mg/L	1	E300.0
806021581-001	Aqueous	2/25/2006 11:00	2/27/2006	3/8/2006	Sulfate		22	mg/L	1	E300.0
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Sodium		12	mg/L	1	E200.7
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Potassium	ND		mg/L	1	E200.7
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Magnesium		8	mg/L	1	E200.7
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Hardness as CaCO3		110	mg/L	1	A2340 B
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Calcium		31	mg/L	1	E200.7
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N		0.49	mg/L	0.05	E353.2
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3		133	mg/L	1	A2320 B
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	pH		7.9	s.u.	0.1	E150.1
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Chloride		1	mg/L	1	E300.0
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Conductivity		254	umhos/cm	1	A2510 B
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Sulfate		10	mg/L	1	E300.0
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Bicarbonate as HCO3		162	mg/L	1	A2320 B
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Carbonate as CO3	ND		mg/L	1	A2320 B
806021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C		143	mg/L	10	A2540 C
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Hardness as CaCO3		18	mg/L	1	A2340 B
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Sodium		149	mg/L	1	E200.7
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Potassium	ND		mg/L	1	E200.7
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Carbonate as CO3		2	mg/L	1	A2320 B
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Calcium		4	mg/L	1	E200.7
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N		2.59	mg/L	0.05	E353.2
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C		408	mg/L	10	A2540 C
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	pH		8.3	s.u.	0.1	E150.1
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Conductivity		664	umhos/cm	1	A2510 B
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Magnesium	ND		mg/L	1	E200.7
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Chloride		29	mg/L	1	E300.0
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Bicarbonate as HCO3		306	mg/L	1	A2320 B
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3		253	mg/L	1	A2320 B
806021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Sulfate		64	mg/L	1	E300.0
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Magnesium	ND		mg/L	1	E200.7
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Calcium		2	mg/L	1	E200.7
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Potassium	ND		mg/L	1	E200.7
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Sodium		114	mg/L	1	E200.7
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Hardness as CaCO3		6	mg/L	1	A2340 B
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3		215	mg/L	1	A2320 B
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Bicarbonate as HCO3		243	mg/L	1	A2320 B
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Carbonate as CO3		9	mg/L	1	A2320 B
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Chloride	ND		mg/L	1	E300.0
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Sulfate		50	mg/L	1	E300.0
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Conductivity		405	umhos/cm	1	A2510 B
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	pH		8.8	s.u.	0.1	E150.1
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C		305	mg/L	10	A2540 C
806021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Conductivity		637	umhos/cm	1	A2510 B
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		379	mg/L	1	A1030F
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Sulfate		87	mg/L	1	E300.0
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Chloride		7	mg/L	1	E300.0
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Hardness as CaCO3		242	mg/L	1	A2340 B
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.58	mg/L	0.05	E353.2
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Bicarbonate as HCO3		302	mg/L	4	A2320 B
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		248	mg/L	4	A2320 B
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Sodium		40	mg/L	1	E200.7
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Magnesium		25	mg/L	1	E200.7
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Calcium		56	mg/L	1	E200.7
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	pH		7.5	s.u.	0.1	E150.1
806052312-001	Drinking W	5/24/2006 16:45	5/26/2006	6/13/2006	Potassium		2	mg/L	1	E200.7
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	pH		9.1	s.u.	0.1	E150.1
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Conductivity		549	umhos/cm	1	A2510 B
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Iron		0.87	mg/L	0.03	E200.7
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Calcium		3	mg/L	1	E200.7
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Sulfate		21	mg/L	1	E300.0
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Chloride		4	mg/L	1	E300.0
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Sodium		122	mg/L	1	E200.7
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Carbonate as CO3		20	mg/L	4	A2320 B
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		252	mg/L	4	A2320 B
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Bicarbonate as HCO3		268	mg/L	4	A2320 B
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		318	mg/L	1	A1030F
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806052312-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Hardness as CaCO3		6	mg/L	1	A2340 B
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Sulfate		17	mg/L	1	E300.0
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.1	mg/L	0.05	E353.2
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	pH		8	s.u.	0.1	E150.1

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Conductivity		437	umhos/cm	1	A2510 B
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Bicarbonate as HCO3		264	mg/L	4	A2320 B
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Calcium		31	mg/L	1	E200.7
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Iron		0.17	mg/L	0.03	E200.7
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Magnesium		10	mg/L	1	E200.7
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Potassium		3	mg/L	1	E200.7
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Sodium		53	mg/L	1	E200.7
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		216	mg/L	4	A2320 B
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		258	mg/L	1	A1030F
806052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Hardness as CaCO3		120	mg/L	1	A2340 B
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Iron		0.5	mg/L	0.03	E200.7
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Hardness as CaCO3		148	mg/L	1	A2340 B
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		246	mg/L	1	A1030F
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Bicarbonate as HCO3		256	mg/L	4	A2320 B
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Magnesium		11	mg/L	1	E200.7
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		210	mg/L	4	A2320 B
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Calcium		42	mg/L	1	E200.7
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Sulfate		12	mg/L	1	E300.0
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.25	mg/L	0.05	E353.2
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Sodium		34	mg/L	1	E200.7
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Potassium		2	mg/L	1	E200.7
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	pH		8.2	s.u.	0.1	E150.1
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Conductivity		418	umhos/cm	1	A2510 B
806052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Iron		0.17	mg/L	0.03	E200.7
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	pH		7.6	s.u.	0.1	E150.1
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.55	mg/L	0.05	E353.2
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Calcium		31	mg/L	1	E200.7
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Magnesium		8	mg/L	1	E200.7
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Sodium		12	mg/L	1	E200.7
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		130	mg/L	4	A2320 B
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Bicarbonate as HCO3		158	mg/L	4	A2320 B
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Sulfate		16	mg/L	1	E300.0
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Conductivity		278	umhos/cm	1	A2510 B
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Hardness as CaCO3		110	mg/L	1	A2340 B
806052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		159	mg/L	1	A1030F
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		247	mg/L	4	A2320 B
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Bicarbonate as HCO3		301	mg/L	4	A2320 B
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Calcium		40	mg/L	1	E200.7
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	pH		8.3	s.u.	0.1	E150.1
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Magnesium		12	mg/L	1	E200.7
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Potassium		1	mg/L	1	E200.7
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Hardness as CaCO3		148	mg/L	1	A2340 B
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Sodium		56	mg/L	1	E200.7
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Chloride		3	mg/L	1	E300.0
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Sulfate		23	mg/L	1	E300.0
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		295	mg/L	1	A1030F
806052312-005	Drinking W	5/20/2006 18:50	5/26/2006	6/13/2006	Conductivity		497	umhos/cm	1	A2510 B
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.52	mg/L	0.05	E353.2
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Magnesium		9	mg/L	1	E200.7
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Hardness as CaCO3		186	mg/L	1	A2340 B
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		218	mg/L	1	A1030F
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		166	mg/L	4	A2320 B
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Bicarbonate as HCO3		202	mg/L	4	A2320 B
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Calcium		28	mg/L	1	E200.7
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Conductivity		366	umhos/cm	1	A2510 B
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Chloride		1	mg/L	1	E300.0
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Sodium		36	mg/L	1	E200.7
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	pH		8.1	s.u.	0.1	E150.1
806052312-006	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Sulfate		25	mg/L	1	E300.0
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Magnesium		21	mg/L	1	E200.7
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Potassium		2	mg/L	1	E200.7
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Calcium		70	mg/L	1	E200.7
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Sulfate		40	mg/L	1	E300.0
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Hardness as CaCO3		261	mg/L	1	A2340 B
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Bicarbonate as HCO3		403	mg/L	4	A2320 B
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Chloride		5	mg/L	1	E300.0
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		1.04	mg/L	0.05	E353.2
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Conductivity		695	umhos/cm	1	A2510 B
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Sodium		52	mg/L	1	E200.7
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		409	mg/L	1	A1030F
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	pH		7.7	s.u.	0.1	E150.1
806052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		330	mg/L	4	A2320 B
806052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Calcium		4	mg/L	1	E200.7
806052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Potassium		2	mg/L	1	E200.7
806052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Magnesium		1	mg/L	1	E200.7
806052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Sulfate		22	mg/L	1	E300.0
806052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
806052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Iron		7.05	mg/L	0.03	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
806052312-004	Drinking W	5/26/2006 16:55	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		408	mg/L	1	A1030F
806052312-004	Drinking W	5/26/2006 16:55	5/26/2006	6/13/2006	Carbonate as CO3		18	mg/L	4	A2320 B
806052312-004	Drinking W	5/26/2006 16:55	5/26/2006	6/13/2006	Sodium		140	mg/L	1	E200.7
806052312-004	Drinking W	5/26/2006 16:55	5/26/2006	6/13/2006	Conductivity		546	umhos/cm	1	A2510 B
806052312-004	Drinking W	5/26/2006 16:55	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806052312-004	Drinking W	5/26/2006 16:55	5/26/2006	6/13/2006	Hardness as CaCO3		15	mg/L	1	A2340 B
806052312-004	Drinking W	5/26/2006 16:55	5/26/2006	6/13/2006	Bicarbonate as HCO3		287	mg/L	4	A2320 B
806052312-004	Drinking W	5/26/2006 16:55	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		266	mg/L	4	A2320 B
806052312-004	Drinking W	5/26/2006 16:55	5/26/2006	6/13/2006	pH		9.1	s.u.	0.1	E150.1
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		218	mg/L	4	A2320 B
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Bicarbonate as HCO3		266	mg/L	4	A2320 B
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Calcium		39	mg/L	1	E200.7
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		275	mg/L	1	A1080F
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Conductivity		476	umhos/cm	1	A2510 B
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Sulfate		27	mg/L	1	E300.0
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Chloride		5	mg/L	1	E300.0
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	pH		7.7	s.u.	0.1	E150.1
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Iron	ND		mg/L	0.02	E200.7
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		1.07	mg/L	0.05	E353.2
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Hardness as CaCO3		143	mg/L	1	A2340 B
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Magnesium		11	mg/L	1	E200.7
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
806052312-002	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Sodium		46	mg/L	1	E200.7
806052312-008	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	pH		8.1	s.u.	0.1	E150.1
806052312-008	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Calcium		30	mg/L	1	E200.7
806052312-008	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Hardness as CaCO3		113	mg/L	1	A2340 B
806052312-008	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Iron	ND		mg/L	0.02	E200.7
806052312-008	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Magnesium		9	mg/L	1	E200.7
806052312-008	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
806052312-003	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		231	mg/L	1	A1030F
806052312-003	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Sodium		44	mg/L	1	E200.7
806052312-003	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-003	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.24	mg/L	0.05	E353.2
806052312-003	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Chloride		1	mg/L	1	E300.0
806052312-003	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Sulfate		23	mg/L	1	E300.0
806052312-003	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		183	mg/L	4	A2320 B
806052312-003	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Conductivity		389	umhos/cm	1	A2510 B
806052312-003	Drinking W	5/26/2006 16:20	5/26/2006	6/13/2006	Bicarbonate as HCO3		223	mg/L	4	A2320 B
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Hardness as CaCO3		8	mg/L	1	A2340 B
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Calcium		3	mg/L	1	E200.7
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Carbonate as CO3		9	mg/L	4	A2320 B
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Bicarbonate as HCO3		233	mg/L	4	A2320 B
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		307	mg/L	1	A1030F
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	pH		8.8	s.u.	0.1	E150.1
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Sulfate		51	mg/L	1	E300.0
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Sodium		113	mg/L	1	E200.7
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Chloride	ND		mg/L	1	E300.0
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Conductivity		508	umhos/cm	1	A2510 B
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Iron		0.29	mg/L	0.03	E200.7
806052312-010	Drinking W	5/26/2006 20:45	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		206	mg/L	4	A2320 B
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Sulfate		9	mg/L	1	E300.0
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.55	mg/L	0.05	E353.2
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	pH		7.7	s.u.	0.1	E150.1
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Sodium		12	mg/L	1	E200.7
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Hardness as CaCO3		109	mg/L	1	A2340 B
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Magnesium		8	mg/L	1	E200.7
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Iron	ND		mg/L	0.02	E200.7
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		158	mg/L	1	A1080F
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Calcium		31	mg/L	1	E200.7
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Bicarbonate as HCO3		157	mg/L	4	A2320 B
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		129	mg/L	4	A2320 B
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Conductivity		270	umhos/cm	1	A2510 B
806052312-008	Drinking W	5/26/2006 20:20	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Chloride		2	mg/L	1	E300.0
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	pH		9.1	s.u.	0.1	E150.1
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Sulfate		18	mg/L	1	E300.0
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Sodium		105	mg/L	1	E200.7
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.14	mg/L	0.05	E353.2
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Carbonate as CO3		17	mg/L	4	A2320 B
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Bicarbonate as HCO3		223	mg/L	4	A2320 B
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		212	mg/L	4	A2320 B
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		268	mg/L	1	A1080F
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Calcium		2	mg/L	1	E200.7
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Conductivity		442	umhos/cm	1	A2510 B
806052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Hardness as CaCO3		5	mg/L	1	A2340 B
806052312-007	Drinking W	5/26/2006 19:45	5/26/2006	6/13/2006	Conductivity		494	umhos/cm	1	A2510 B
806052312-007	Drinking W	5/26/2006 19:45	5/26/2006	6/13/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806052312-007	Drinking W	5/26/2006 19:45	5/26/2006	6/13/2006	pH		8.2	s.u.	0.1	E150.1
806052312-007	Drinking W	5/26/2006 19:45	5/26/2006	6/13/2006	Calcium		3	mg/L	1	E200.7
806052312-007	Drinking W	5/26/2006 19:45	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
806052312-007	Drinking W	5/26/2006 19:45	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
806052312-007	Drinking W	5/26/2006 19:45	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
806052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Sodium		117	mg/L	1	E200.7
806052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Bicarbonate as HCO3		271	mg/L	4	A2320 B
806052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N		0.3	mg/L	0.05	E353.2
806052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Chloride		3	mg/L	1	E300.0
806052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Sulfate		31	mg/L	1	E300.0
806052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Hardness as CaCO3		9	mg/L	1	A2340 B
806052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated		300	mg/L	1	A1030F
806052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3		225	mg/L	4	A2320 B
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Potassium		2	mg/L	1	E200.7
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Conductivity		613	umhos/cm	1	A2510 B
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Bicarbonate as HCO3		284	mg/L	4	A2320 B
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.6	unitless	0.01	Calculation
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		232	mg/L	4	A2320 B
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Hardness as CaCO3		207	mg/L	1	A2340 B
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Sodium		53	mg/L	1	E200.7
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Magnesium		21	mg/L	1	E200.7
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Iron		0.45	mg/L	0.03	E200.7
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Calcium		48	mg/L	1	E200.7
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Sulfate		74	mg/L	1	E300.0
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Chloride		6	mg/L	1	E300.0
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		356	mg/L	1	A1030F
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.15	mg/L	0.05	E353.2
806082455-001	Drinking W	8/27/2006 9:22	8/29/2006	9/16/2006	pH		7.5	s.u.	0.1	E150.1
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Bicarbonate as HCO3		267	mg/L	4	A2320 B
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Conductivity		572	umhos/cm	1	A2510 B
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Hardness as CaCO3		7	mg/L	1	A2340 B
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Carbonate as CO3		10	mg/L	4	A2320 B
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	pH		8.7	s.u.	0.1	E150.1
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Sulfate		43	mg/L	1	E300.0
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		22.7	unitless	0.01	Calculation
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		1.04	mg/L	0.05	E353.2
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		295	mg/L	4	A2320 B
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Sodium		135	mg/L	1	E200.7
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		339	mg/L	1	A1030F
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
806082455-002	Drinking W	8/27/2006 9:48	8/29/2006	9/16/2006	Calcium		2	mg/L	1	E200.7
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Carbonate as CO3		14	mg/L	4	A2320 B
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		292	mg/L	1	A1030F
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Bicarbonate as HCO3		284	mg/L	4	A2320 B
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	pH		9	s.u.	0.1	E150.1
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		29.6	unitless	0.01	Calculation
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Sodium		121	mg/L	1	E200.7
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		214	mg/L	4	A2320 B
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Hardness as CaCO3		3	mg/L	1	A2340 B
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Calcium		1	mg/L	1	E200.7
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Sulfate		24	mg/L	1	E300.0
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Iron		0.1	mg/L	0.03	E200.7
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Conductivity		496	umhos/cm	1	A2510 B
806082455-015	Drinking W	8/27/2006 19:53	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	pH		8.1	s.u.	0.1	E150.1
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Conductivity		411	umhos/cm	1	A2510 B
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Magnesium		8	mg/L	1	E200.7
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Iron		0.14	mg/L	0.03	E200.7
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Calcium		24	mg/L	1	E200.7
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		2.45	unitless	0.01	Calculation
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		232	mg/L	1	A1030F
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Sulfate		19	mg/L	1	E300.0
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Potassium		1	mg/L	1	E200.7
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Bicarbonate as HCO3		231	mg/L	4	A2320 B
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Sodium		54	mg/L	1	E200.7
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		189	mg/L	4	A2320 B
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806082455-013	Drinking W	8/27/2006 16:02	8/29/2006	9/16/2006	Hardness as CaCO3		92	mg/L	1	A2340 B
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Sodium		47	mg/L	1	E200.7
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	pH		7.8	s.u.	0.1	E150.1
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		198	mg/L	4	A2320 B
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Sulfate		21	mg/L	1	E300.0
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Hardness as CaCO3		132	mg/L	1	A2340 B
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Conductivity		436	umhos/cm	1	A2510 B
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Iron		3.37	mg/L	0.03	E200.7
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.47	mg/L	0.05	E353.2
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.77	unitless	0.01	Calculation
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		264	mg/L	1	A1030F
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Magnesium		12	mg/L	1	E200.7
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Bicarbonate as HCO3		241	mg/L	4	A2320 B
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Calcium		33	mg/L	1	E200.7
806082455-014	Drinking W	8/27/2006 16:30	8/29/2006	9/16/2006	Potassium		2	mg/L	1	E200.7
806082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Bicarbonate as HCO3		153	mg/L	4	A2320 B
806082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Hardness as CaCO3		113	mg/L	1	A2340 B
806082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Calcium		32	mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		126	mg/L	4	A2320 B
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.42	mg/L	0.05	E353.2
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Sulfate		11	mg/L	1	E300.0
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		168	mg/L	1	A1030F
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		0.5	unitless	0.01	Calculation
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Sodium		12	mg/L	1	E200.7
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Potassium		1	mg/L	1	E200.7
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Magnesium		8	mg/L	1	E200.7
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	pH		7.5	s.u.	0.1	E150.1
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Conductivity		277	umhos/cm	1	A2510 B
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Iron		2.43	mg/L	0.03	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Iron		2.04	mg/L	0.03	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.19	mg/L	0.05	E353.2
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Sulfate		16	mg/L	1	E300.0
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	pH		8.2	s.u.	0.1	E150.1
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Conductivity		440	umhos/cm	1	A2510 B
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Chloride		3	mg/L	1	E300.0
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		260	mg/L	1	A1030F
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Calcium		44	mg/L	1	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Magnesium		11	mg/L	1	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		210	mg/L	4	A2320 B
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Potassium		1	mg/L	1	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.25	unitless	0.01	Calculation
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Sodium		36	mg/L	1	E200.7
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Hardness as CaCO3		156	mg/L	1	A2340 B
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Bicarbonate as HCO3		256	mg/L	4	A2320 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.5	mg/L	0.05	E353.2
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Bicarbonate as HCO3		199	mg/L	4	A2320 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		163	mg/L	4	A2320 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Hardness as CaCO3		107	mg/L	1	A2340 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Calcium		29	mg/L	1	E200.7
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Chloride		1	mg/L	1	E300.0
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sulfate		28	mg/L	1	E300.0
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	pH		8	s.u.	0.1	E150.1
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		218	mg/L	1	A1030F
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.64	unitless	0.01	Calculation
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Magnesium		9	mg/L	1	E200.7
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Conductivity		385	umhos/cm	1	A2510 B
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sodium		39	mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		358	mg/L	1	A1030F
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Chloride		12	mg/L	1	E300.0
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Carbonate as CO3		7	mg/L	4	A2320 B
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Sodium		129	mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Sulfate		31	mg/L	1	E300.0
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Iron		0.04	mg/L	0.03	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Calcium		11	mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Magnesium		2	mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		270	mg/L	4	A2320 B
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Conductivity		624	umhos/cm	1	A2510 B
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	pH		8.4	s.u.	0.1	E150.1
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Bicarbonate as HCO3		316	mg/L	4	A2320 B
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		9.62	unitless	0.01	Calculation
B06082455-005	Drinking W	8/27/2006 11:14	8/29/2006	9/16/2006	Hardness as CaCO3		34	mg/L	1	A2340 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Carbonate as CO3		19	mg/L	4	A2320 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Sulfate		23	mg/L	1	E300.0
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Conductivity		547	umhos/cm	1	A2510 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Bicarbonate as HCO3		261	mg/L	4	A2320 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		247	mg/L	4	A2320 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Hardness as CaCO3		4	mg/L	1	A2340 B
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	pH		9.1	s.u.	0.1	E150.1
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		536	mg/L	1	A1030F
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Calcium		2	mg/L	1	E200.7
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Sodium		129	mg/L	1	E200.7
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Iron		0.7	mg/L	0.03	E200.7
B06082455-009	Drinking W	8/27/2006 13:55	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Magnesium		11	mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.62	unitless	0.01	Calculation
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Calcium		39	mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Conductivity		481	umhos/cm	1	A2510 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Sodium		45	mg/L	1	E200.7
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Hardness as CaCO3		144	mg/L	1	A2340 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Sulfate		27	mg/L	1	E300.0
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		212	mg/L	4	A2320 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		268	mg/L	1	A1030F
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Bicarbonate as HCO3		258	mg/L	4	A2320 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	pH		7.5	s.u.	0.1	E150.1
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Chloride		4	mg/L	1	E300.0

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
806082455-007	Drinking W	8/27/2006 12:50	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.77	mg/L	0.05	E353.2
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		176	mg/L	4	A2320 B
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Bicarbonate as HCO3		214	mg/L	4	A2320 B
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		227	mg/L	1	A1030F
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Calcium		28	mg/L	1	E200.7
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Iron	ND		mg/L	0.09	E200.7
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Magnesium		9	mg/L	1	E200.7
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Sodium		45	mg/L	1	E200.7
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Hardness as CaCO3		106	mg/L	1	A2340 B
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.2	mg/L	0.05	E353.2
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Sulfate		25	mg/L	1	E300.0
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.9	unitless	0.01	Calculation
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	pH		8	s.u.	0.1	E150.1
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
806082455-008	Drinking W	8/27/2006 19:13	8/29/2006	9/16/2006	Conductivity		287	umhos/cm	1	A2510 B
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.21	mg/L	0.05	E353.2
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Magnesium		9	mg/L	1	E200.7
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Hardness as CaCO3		129	mg/L	1	A2340 B
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Iron	ND		mg/L	0.09	E200.7
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Calcium		34	mg/L	1	E200.7
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.14	unitless	0.01	Calculation
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		146	mg/L	4	A2320 B
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Sodium		29	mg/L	1	E200.7
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	pH		7.8	s.u.	0.1	E150.1
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Conductivity		360	umhos/cm	1	A2510 B
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Bicarbonate as HCO3		178	mg/L	4	A2320 B
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Sulfate		32	mg/L	1	E300.0
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Chloride		1	mg/L	1	E300.0
806082455-004	Drinking W	8/27/2006 10:40	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		207	mg/L	1	A1030F
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Calcium		23	mg/L	1	E200.7
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Hardness as CaCO3		98	mg/L	1	A2340 B
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		145	mg/L	4	A2320 B
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Bicarbonate as HCO3		177	mg/L	4	A2320 B
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		1.31	unitless	0.01	Calculation
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Iron		0.39	mg/L	0.03	E200.7
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Conductivity		326	umhos/cm	1	A2510 B
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		176	mg/L	1	A1030F
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	pH		8	s.u.	0.1	E150.1
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Magnesium		10	mg/L	1	E200.7
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Sulfate		20	mg/L	1	E300.0
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Chloride	ND		mg/L	1	E300.0
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Potassium		1	mg/L	1	E200.7
806082455-003	Drinking W	8/27/2006 10:27	8/29/2006	9/16/2006	Sodium		30	mg/L	1	E200.7
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Carbonate as CO3		9	mg/L	4	A2320 B
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		299	mg/L	1	A1030F
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		198	mg/L	4	A2320 B
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Bicarbonate as HCO3		223	mg/L	4	A2320 B
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Calcium		2	mg/L	1	E200.7
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		18.4	unitless	0.01	Calculation
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	pH		8.8	s.u.	0.1	E150.1
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Hardness as CaCO3		7	mg/L	1	A2340 B
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Iron		0.59	mg/L	0.03	E200.7
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Sodium		115	mg/L	1	E200.7
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Chloride	ND		mg/L	1	E300.0
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Conductivity		520	umhos/cm	1	A2510 B
806082455-011	Drinking W	8/27/2006 15:15	8/29/2006	9/16/2006	Sulfate		44	mg/L	1	E300.0
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		204	mg/L	4	A2320 B
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Sodium		106	mg/L	1	E200.7
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		263	mg/L	1	A1030F
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		27.6	unitless	0.01	Calculation
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Chloride		2	mg/L	1	E300.0
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Iron	ND		mg/L	0.03	E200.7
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Hardness as CaCO3		3	mg/L	1	A2340 B
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Calcium	ND		mg/L	1	E200.7
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	pH		9.2	s.u.	0.1	E150.1
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.11	mg/L	0.05	E353.2
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Carbonate as CO3		18	mg/L	4	A2320 B
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Bicarbonate as HCO3		212	mg/L	4	A2320 B
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Sulfate		19	mg/L	1	E300.0
806082455-017	Drinking W	8/28/2006 10:20	8/29/2006	9/16/2006	Conductivity		451	umhos/cm	1	A2510 B
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated		301	mg/L	1	A1030F
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Conductivity		502	umhos/cm	1	A2510 B
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Chloride		4	mg/L	1	E300.0
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Magnesium	ND		mg/L	1	E200.7
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	pH		8	s.u.	0.1	E150.1
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Calcium		2	mg/L	1	E200.7
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N		0.29	mg/L	0.05	E353.2
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Potassium	ND		mg/L	1	E200.7
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Sodium		120	mg/L	1	E200.7
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Hardness as CaCO3		6	mg/L	1	A2340 B

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Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	RLimit	Method
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)		20.5	unitless	0.01	Calculation
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Sulfate		32	mg/L	1	E300.0
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3		217	mg/L	4	A2320 B
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Bicarbonate as HCO3		264	mg/L	4	A2320 B
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Iron		0.04	mg/L	0.03	E200.7
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Iron		0.06	mg/L	0.03	E200.7
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		156	mg/L	1	A1030F
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Sulfate		19	mg/L	1	E300.0
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.82	mg/L	0.05	E353.2
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Conductivity		260	umhos/cm	1	A2510 B
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Hardness as CaCO3		116	mg/L	1	A2340 B
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Sodium		12	mg/L	1	E200.7
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Magnesium		8	mg/L	1	E200.7
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Calcium		33	mg/L	1	E200.7
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Bicarbonate as HCO3		142	mg/L	4	A2320 B
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	pH		7.5	s.u.	0.1	E150.1
806111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		117	mg/L	4	A2320 B
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Bicarbonate as HCO3		206	mg/L	4	A2320 B
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Sodium		30	mg/L	1	E200.7
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.25	mg/L	0.05	E353.2
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Iron		0.76	mg/L	0.03	E200.7
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Hardness as CaCO3		120	mg/L	1	A2340 B
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		228	mg/L	1	A1030F
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Sulfate		24	mg/L	1	E300.0
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		1.55	unitless	0.01	Calculation
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		168	mg/L	4	A2320 B
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Conductivity		392	umhos/cm	1	A2510 B
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Magnesium		9	mg/L	1	E200.7
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	pH		8	s.u.	0.1	E150.1
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
806111517-014	Drinking W	11/20/2006 16:20	11/22/2006	12/12/2006	Calcium		34	mg/L	1	E200.7
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Sulfate		24	mg/L	1	E300.0
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Potassium		2	mg/L	1	E200.7
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Magnesium		12	mg/L	1	E200.7
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	pH		7.6	s.u.	0.1	E150.1
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Sodium		50	mg/L	1	E200.7
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		229	mg/L	4	A2320 B
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Chloride		3	mg/L	1	E300.0
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Calcium		48	mg/L	1	E200.7
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Bicarbonate as HCO3		279	mg/L	4	A2320 B
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Conductivity		308	umhos/cm	1	A2510 B
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		289	mg/L	1	A1030F
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.58	mg/L	0.05	E353.2
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Hardness as CaCO3		168	mg/L	1	A2340 B
806111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Calcium		46	mg/L	1	E200.7
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Sulfate		20	mg/L	1	E300.0
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Iron		0.07	mg/L	0.03	E200.7
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		233	mg/L	4	A2320 B
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		284	mg/L	1	A1030F
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Bicarbonate as HCO3		285	mg/L	4	A2320 B
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		1.74	unitless	0.01	Calculation
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Sodium		51	mg/L	1	E200.7
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Magnesium		12	mg/L	1	E200.7
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Hardness as CaCO3		163	mg/L	1	A2340 B
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	pH		7.9	s.u.	0.1	E150.1
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.4	mg/L	0.05	E353.2
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Conductivity		501	umhos/cm	1	A2510 B
806111517-016	Drinking W	11/19/2006 10:25	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	pH		7.9	s.u.	0.1	E150.1
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.51	mg/L	0.05	E353.2
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Sulfate		10	mg/L	1	E300.0
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		174	mg/L	1	A1030F
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Chloride		1	mg/L	1	E300.0
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Hardness as CaCO3		124	mg/L	1	A2340 B
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Conductivity		395	umhos/cm	1	A2510 B
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Calcium		34	mg/L	1	E200.7
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Bicarbonate as HCO3		170	mg/L	4	A2320 B
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Sodium		18	mg/L	1	E200.7
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Magnesium		10	mg/L	1	E200.7
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Bicarbonate as HCO3		283	mg/L	4	A2320 B
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.15	mg/L	0.05	E353.2
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Chloride		5	mg/L	1	E300.0
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Conductivity		659	umhos/cm	1	A2510 B
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Sulfate		71	mg/L	1	E300.0
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		232	mg/L	4	A2320 B
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	pH		7.5	s.u.	0.1	E150.1
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Calcium		49	mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Iron	ND		mg/L	0.09	E200.7
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Magnesium		20	mg/L	1	E200.7
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Potassium		2	mg/L	1	E200.7
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Sodium		55	mg/L	1	E200.7
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Hardness as CaCO3		205	mg/L	1	A2340 B
806111517-001	Drinking W	11/19/2006 9:40	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		352	mg/L	1	A1080F
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Conductivity		581	umhos/cm	1	A2510 B
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		293	mg/L	4	A2320 B
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Sodium		132	mg/L	1	E200.7
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Iron	ND		mg/L	0.05	E200.7
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Calcium		2	mg/L	1	E200.7
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.74	mg/L	0.05	E353.2
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	pH		8.7	s.u.	0.1	E150.1
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		266	mg/L	4	A2320 B
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		21.3	unitless	0.01	Calculation
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Hardness as CaCO3		7	mg/L	1	A2340 B
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		332	mg/L	1	A1080F
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Sulfate		44	mg/L	1	E300.0
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
806111517-020	Drinking W	11/19/2006 10:00	11/22/2006	12/12/2006	Carbonate as CO3		9	mg/L	4	A2320 B
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Calcium		2	mg/L	1	E200.7
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Chloride		8	mg/L	1	E300.0
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Sulfate		13	mg/L	1	E300.0
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Sodium		134	mg/L	1	E200.7
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Iron		0.08	mg/L	0.05	E200.7
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Hardness as CaCO3		5	mg/L	1	A2340 B
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		325	mg/L	1	A1080F
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Conductivity		572	umhos/cm	1	A2510 B
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Carbonate as CO3		20	mg/L	4	A2320 B
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	pH		8.9	s.u.	0.1	E150.1
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		254	mg/L	4	A2320 B
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Bicarbonate as HCO3		270	mg/L	4	A2320 B
806111517-012	Drinking W	11/20/2006 16:10	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Sulfate		18	mg/L	1	E300.0
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		227	mg/L	1	A1080F
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	pH		7.8	s.u.	0.1	E150.1
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Calcium		26	mg/L	1	E200.7
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Iron		0.04	mg/L	0.03	E200.7
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Magnesium		9	mg/L	1	E200.7
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Sodium		51	mg/L	1	E200.7
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		217	mg/L	4	A2320 B
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		2.19	unitless	0.01	Calculation
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Conductivity		394	umhos/cm	1	A2510 B
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Hardness as CaCO3		101	mg/L	1	A2340 B
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		178	mg/L	4	A2320 B
806111517-013	Drinking W	11/20/2006 17:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.42	mg/L	0.05	E353.2
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Sulfate		13	mg/L	1	E300.0
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		163	mg/L	4	A2320 B
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		288	mg/L	1	A1080F
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		2.15	unitless	0.01	Calculation
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.43	mg/L	0.05	E353.2
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Hardness as CaCO3		50	mg/L	1	A2340 B
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Magnesium		5	mg/L	1	E200.7
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Bicarbonate as HCO3		199	mg/L	4	A2320 B
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Chloride		3	mg/L	1	E300.0
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Sodium		47	mg/L	1	E200.7
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Calcium		27	mg/L	1	E200.7
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	pH		8.1	s.u.	0.1	E150.1
806111517-019	Drinking W	11/19/2006 11:58	11/22/2006	12/12/2006	Conductivity		571	umhos/cm	1	A2510 B
806111517-004	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		139	mg/L	4	A2320 B
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.24	mg/L	0.05	E353.2
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		384	mg/L	1	A1080F
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Sodium		68	mg/L	1	E200.7
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		288	mg/L	4	A2320 B
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		351	mg/L	4	A2320 B
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	pH		7.3	s.u.	0.1	E150.1
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Conductivity		774	umhos/cm	1	A2510 B
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Hardness as CaCO3		218	mg/L	1	A2340 B
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Sulfate		46	mg/L	1	E300.0
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Calcium		57	mg/L	1	E200.7
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Potassium		2	mg/L	1	E200.7
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Magnesium		18	mg/L	1	E200.7
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Iron		0.04	mg/L	0.03	E200.7
806111517-000	Drinking W	11/19/2006 13:00	11/22/2006	12/12/2006	Chloride		4	mg/L	1	E300.0
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Sulfate		10	mg/L	1	E300.0
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Sodium		128	mg/L	1	E200.7
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		248	mg/L	4	A2320 B
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Hardness as CaCO3		14	mg/L	1	A2340 B
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Calcium		4	mg/L	1	E200.7
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Iron		4.95	mg/L	0.03	E200.7
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Conductivity		541	umhos/cm	1	A2510 B
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		291	mg/L	4	A2320 B
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	pH		8.5	s.u.	0.1	E150.1
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Carbonate as CO3		6	mg/L	4	A2320 B
806111517-009	Drinking W	11/19/2006 15:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		348	mg/L	1	A1030F
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	pH		7.8	s.u.	0.1	E150.1
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Sulfate		15	mg/L	1	E300.0
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		0.87	unitless	0.01	Calculation
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		195	mg/L	4	A2320 B
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Bicarbonate as HCO3		238	mg/L	4	A2320 B
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Conductivity		429	umhos/cm	1	A2510 B
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		233	mg/L	1	A1030F
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Sodium		26	mg/L	1	E200.7
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Magnesium		14	mg/L	1	E200.7
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Calcium		44	mg/L	1	E200.7
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Hardness as CaCO3		169	mg/L	1	A2340 B
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.57	mg/L	0.05	E353.2
806111517-018	Drinking W	11/19/2006 12:50	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Chloride		3	mg/L	1	E300.0
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Sulfate		25	mg/L	1	E300.0
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.62	mg/L	0.05	E353.2
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Conductivity		480	umhos/cm	1	A2510 B
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Magnesium		12	mg/L	1	E200.7
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Sodium		48	mg/L	1	E200.7
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		211	mg/L	4	A2320 B
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Bicarbonate as HCO3		257	mg/L	4	A2320 B
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		273	mg/L	1	A1030F
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Hardness as CaCO3		155	mg/L	1	A2340 B
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	pH		7.5	s.u.	0.1	E150.1
806111517-008	Drinking W	11/19/2006 14:10	11/22/2006	12/12/2006	Calcium		43	mg/L	1	E200.7
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Bicarbonate as HCO3		206	mg/L	4	A2320 B
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Magnesium		9	mg/L	1	E200.7
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	pH		7.9	s.u.	0.1	E150.1
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.22	mg/L	0.05	E353.2
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Sodium		46	mg/L	1	E200.7
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Chloride		1	mg/L	1	E300.0
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Calcium		31	mg/L	1	E200.7
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		169	mg/L	4	A2320 B
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Conductivity		386	umhos/cm	1	A2510 B
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		225	mg/L	1	A1030F
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Hardness as CaCO3		114	mg/L	1	A2340 B
806111517-006	Drinking W	11/19/2006 14:22	11/22/2006	12/12/2006	Sulfate		23	mg/L	1	E300.0
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Potassium		1	mg/L	1	E200.7
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Sulfate		25	mg/L	1	E300.0
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Chloride		1	mg/L	1	E300.0
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Sodium		21	mg/L	1	E200.7
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Magnesium		12	mg/L	1	E200.7
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Iron	ND		mg/L	0.03	E200.7
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Calcium		38	mg/L	1	E200.7
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Conductivity		306	umhos/cm	1	A2510 B
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	pH		7.6	s.u.	0.1	E150.1
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		207	mg/L	1	A1030F
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Bicarbonate as HCO3		188	mg/L	4	A2320 B
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.32	mg/L	0.05	E353.2
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Hardness as CaCO3		144	mg/L	1	A2340 B
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		0.76	unitless	0.01	Calculation
806111517-017	Drinking W	11/19/2006 10:55	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		154	mg/L	4	A2320 B
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Bicarbonate as HCO3		222	mg/L	4	A2320 B
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Carbonate as CO3		8	mg/L	4	A2320 B
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Sulfate		53	mg/L	1	E300.0
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Chloride	ND		mg/L	1	E300.0
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		195	mg/L	4	A2320 B
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Hardness as CaCO3		9	mg/L	1	A2340 B
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Conductivity		518	umhos/cm	1	A2510 B
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		311	mg/L	1	A1030F
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	pH		8.6	s.u.	0.1	E150.1
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Calcium		3	mg/L	1	E200.7
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Iron		0.79	mg/L	0.03	E200.7
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Sodium		116	mg/L	1	E200.7
806111517-010	Drinking W	11/19/2006 16:50	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
806111517-005	Drinking W	11/19/2006 18:00	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		118	mg/L	4	A2320 B
806111517-005	Drinking W	11/19/2006 18:00	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		161	mg/L	1	A1030F
806111517-005	Drinking W	11/19/2006 18:00	11/22/2006	12/12/2006	Conductivity		274	umhos/cm	1	A2510 B
806111517-005	Drinking W	11/19/2006 18:00	11/22/2006	12/12/2006	Hardness as CaCO3		123	mg/L	1	A2340 B
806111517-005	Drinking W	11/19/2006 18:00	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Nlimit	Method
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	pH		7.5	s.u.	0.1	E150.1
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Sulfate		9	mg/L	1	E300.0
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Chloride		2	mg/L	1	E300.0
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Calcium		36	mg/L	1	E200.7
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Magnesium		8	mg/L	1	E200.7
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Sodium		12	mg/L	1	E200.7
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.85	mg/L	0.05	E353.2
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Bicarbonate as HCO3		144	mg/L	4	A2320 B
806111517-005	Drinking W	11/19/2006 16:00	11/22/2006	12/12/2006	Iron	ND		mg/L	0.08	E200.7
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Sodium		149	mg/L	1	E200.7
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Calcium		4	mg/L	1	E200.7
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Iron	ND		mg/L	0.08	E200.7
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Hardness as CaCO3		10	mg/L	1	A2340 B
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		388	mg/L	1	A1090F
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		226	mg/L	4	A2320 B
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	pH		8.7	s.u.	0.1	E150.1
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		2.14	mg/L	0.05	E353.2
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Conductivity		661	umhos/cm	1	A2510 B
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Chloride		20	mg/L	1	E300.0
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Bicarbonate as HCO3		255	mg/L	4	A2320 B
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Carbonate as CO3		10	mg/L	4	A2320 B
806111517-011	Drinking W	11/20/2006 15:55	11/22/2006	12/12/2006	Sulfate		58	mg/L	1	E300.0
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Iron	ND		mg/L	0.08	E200.7
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Hardness as CaCO3		19	mg/L	1	A2340 B
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N		0.38	mg/L	0.05	E353.2
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Chloride		3	mg/L	1	E300.0
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Sodium		118	mg/L	1	E200.7
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Potassium	ND		mg/L	1	E200.7
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	pH		8	s.u.	0.1	E150.1
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Calcium		4	mg/L	1	E200.7
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Magnesium	ND		mg/L	1	E200.7
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3		210	mg/L	4	A2320 B
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Bicarbonate as HCO3		256	mg/L	4	A2320 B
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Sulfate		33	mg/L	1	E300.0
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)		16	unitless	0.01	Calculation
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated		297	mg/L	1	A1090F
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Carbonate as CO3	ND		mg/L	4	A2320 B
806111517-015	Drinking W	11/20/2006 17:45	11/22/2006	12/12/2006	Conductivity		503	umhos/cm	1	A2510 B
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Sulfate		78	mg/L	1	E300.0
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Chloride		5	mg/L	1	E300.0
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.11	mg/L	0.05	E353.2
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Calcium		45	mg/L	1	E200.7
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Sodium		58	mg/L	1	E200.7
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Iron		0.03	mg/L	0.03	E200.7
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Bicarbonate as HCO3		291	mg/L	1	A2320 B
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	pH		7.5	s.u.	0.1	E150.1
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Conductivity		616	umhos/cm	1	A2510 B
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Hardness as CaCO3		201	mg/L	1	A2340 B
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Magnesium		22	mg/L	1	E200.7
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		239	mg/L	1	A2320 B
807021100-016	Aqueous	2/18/2007 9:25	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		364	mg/L	1	A1090F
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Chloride		3	mg/L	1	E300.0
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Sulfate		67	mg/L	1	E300.0
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.53	mg/L	0.05	E353.2
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Calcium		3	mg/L	1	E200.7
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Magnesium	ND		mg/L	1	E200.7
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Sodium		144	mg/L	1	E200.7
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Hardness as CaCO3		8	mg/L	1	A2340 B
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		367	mg/L	1	A1090F
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		230	mg/L	1	A2320 B
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Bicarbonate as HCO3		265	mg/L	1	A2320 B
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Conductivity		688	umhos/cm	1	A2510 B
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	Carbonate as CO3		8	mg/L	1	A2320 B
807021100-018	Aqueous	2/18/2007 9:50	2/20/2007	2/25/2007	pH		8.5	s.u.	0.1	E150.1
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		172	mg/L	1	A2320 B
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Conductivity		383	umhos/cm	1	A2510 B
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		229	mg/L	1	A1090F
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Bicarbonate as HCO3		209	mg/L	1	A2320 B
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Sulfate		21	mg/L	1	E300.0
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Hardness as CaCO3		98	mg/L	1	A2340 B
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Sodium		56	mg/L	1	E200.7
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Magnesium		8	mg/L	1	E200.7
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Iron		0.33	mg/L	0.03	E200.7
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Calcium		23	mg/L	1	E200.7
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.34	mg/L	0.05	E353.2
807021100-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	pH		7.4	s.u.	0.1	E150.1
807021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		163	mg/L	1	A2320 B
807021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Bicarbonate as HCO3		199	mg/L	1	A2320 B
807021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Sulfate		14	mg/L	1	E300.0
807021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
807021100-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	RLimit	Method
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.48	mg/L	0.05	E353.2
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	pH		8	s.u.	0.1	E150.1
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	Hardness as CaCO3		93	mg/L	1	A2340 B
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		204	mg/L	1	A1030F
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	Conductivity		356	umhos/cm	1	A2510 B
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	Magnesium		6	mg/L	1	E200.7
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	Chloride		3	mg/L	1	E300.0
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	Calcium		26	mg/L	1	E200.7
807021100-015	Aqueous	2/19/2007 11:25	2/20/2007	2/25/2007	Sodium		43	mg/L	1	E200.7
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	pH		7.6	s.u.	0.1	E150.1
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		6.86	mg/L	0.05	E353.2
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Conductivity		414	umhos/cm	1	A2510 B
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Calcium		32	mg/L	1	E200.7
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Iron		0.14	mg/L	0.03	E200.7
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Magnesium		12	mg/L	1	E200.7
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Sodium		43	mg/L	1	E200.7
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		186	mg/L	1	A2320 B
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Sulfate		20	mg/L	1	E300.0
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Hardness as CaCO3		128	mg/L	1	A2340 B
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Bicarbonate as HCO3		227	mg/L	1	A2320 B
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		237	mg/L	1	A1030F
807021100-004	Aqueous	2/19/2007 11:00	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	pH		7.3	s.u.	0.1	E150.1
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Conductivity		258	umhos/cm	1	A2510 B
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Sulfate		9	mg/L	1	E300.0
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Magnesium		8	mg/L	1	E200.7
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Iron		0.16	mg/L	0.03	E200.7
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Calcium		30	mg/L	1	E200.7
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		113	mg/L	1	A2320 B
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Bicarbonate as HCO3		138	mg/L	1	A2320 B
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Sodium		11	mg/L	1	E200.7
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Hardness as CaCO3		107	mg/L	1	A2340 B
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		151	mg/L	1	A1030F
807021100-012	Aqueous	2/19/2007 9:15	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		1.09	mg/L	0.05	E353.2
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Iron		0.56	mg/L	0.03	E200.7
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Calcium		32	mg/L	1	E200.7
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Sodium		35	mg/L	1	E200.7
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Magnesium		9	mg/L	1	E200.7
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Conductivity		359	umhos/cm	1	A2510 B
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Sulfate		17	mg/L	1	E300.0
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		212	mg/L	1	A1030F
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Hardness as CaCO3		117	mg/L	1	A2340 B
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Bicarbonate as HCO3		199	mg/L	1	A2320 B
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		163	mg/L	1	A2320 B
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.27	mg/L	0.05	E353.2
807021100-001	Aqueous	2/18/2007 17:30	2/20/2007	2/25/2007	pH		7.7	s.u.	0.1	E150.1
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Bicarbonate as HCO3		277	mg/L	1	A2320 B
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Magnesium		12	mg/L	1	E200.7
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Conductivity		486	umhos/cm	1	A2510 B
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Hardness as CaCO3		163	mg/L	1	A2340 B
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Sulfate		24	mg/L	1	E300.0
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		283	mg/L	1	A1030F
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		227	mg/L	1	A2320 B
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Chloride		3	mg/L	1	E300.0
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	pH		7.8	s.u.	0.1	E150.1
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Sodium		48	mg/L	1	E200.7
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.28	mg/L	0.05	E353.2
807021100-019	Aqueous	2/18/2007 11:45	2/20/2007	2/25/2007	Calcium		45	mg/L	1	E200.7
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Hardness as CaCO3		107	mg/L	1	A2340 B
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Iron		0.08	mg/L	0.03	E200.7
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Calcium		27	mg/L	1	E200.7
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Magnesium		10	mg/L	1	E200.7
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Sulfate		24	mg/L	1	E300.0
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Chloride		1	mg/L	1	E300.0
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		151	mg/L	1	A2320 B
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Bicarbonate as HCO3		184	mg/L	1	A2320 B
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		1.05	mg/L	0.05	E353.2
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	pH		7.8	s.u.	0.1	E150.1
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Sodium		35	mg/L	1	E200.7
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		204	mg/L	1	A1030F
807021100-014	Aqueous	2/18/2007 12:15	2/20/2007	2/25/2007	Conductivity		356	umhos/cm	1	A2510 B
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Bicarbonate as HCO3		277	mg/L	1	A2320 B
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.45	mg/L	0.05	E353.2
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Sulfate		24	mg/L	1	E300.0
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Sodium		47	mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampid	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	NLimit	Method
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Magnesium		13	mg/L	1	E200.7
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Iron		0.04	mg/L	0.03	E200.7
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Calcium		42	mg/L	1	E200.7
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		227	mg/L	1	A2320 B
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Conductivity		484	umhos/cm	1	A2510 B
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	pH		7.8	s.u.	0.1	E150.1
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		277	mg/L	1	A1090F
807021100-010	Aqueous	2/18/2007 10:20	2/20/2007	2/25/2007	Hardness as CaCO3		157	mg/L	1	A2340 B
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Sodium		15	mg/L	1	E200.7
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Iron		0.19	mg/L	0.03	E200.7
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Calcium		26	mg/L	1	E200.7
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		149	mg/L	1	A1090F
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Magnesium		8	mg/L	1	E200.7
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	pH		7.3	s.u.	0.1	E150.1
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Conductivity		268	umhos/cm	1	A2510 B
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		119	mg/L	1	A2320 B
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Bicarbonate as HCO3		146	mg/L	1	A2320 B
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		1.12	mg/L	0.05	E353.2
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Sulfate		8	mg/L	1	E300.0
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Hardness as CaCO3		101	mg/L	1	A2340 B
807021100-008	Aqueous	2/19/2007 9:40	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.14	mg/L	0.05	E353.2
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		267	mg/L	1	A2320 B
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Bicarbonate as HCO3		320	mg/L	1	A2320 B
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Carbonate as CO3		3	mg/L	1	A2320 B
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Conductivity		607	umhos/cm	1	A2510 B
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Hardness as CaCO3		62	mg/L	1	A2340 B
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Sodium		121	mg/L	1	E200.7
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	pH		8.1	s.u.	0.1	E150.1
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		358	mg/L	1	A1090F
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Magnesium		4	mg/L	1	E200.7
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Iron		0.04	mg/L	0.03	E200.7
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Calcium		18	mg/L	1	E200.7
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Chloride		11	mg/L	1	E300.0
807021100-017	Aqueous	2/18/2007 12:00	2/20/2007	2/25/2007	Sulfate		31	mg/L	1	E300.0
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Hardness as CaCO3		15	mg/L	1	A2340 B
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		371	mg/L	1	A1090F
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Calcium		4	mg/L	1	E200.7
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Magnesium		1	mg/L	1	E200.7
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Potassium		2	mg/L	1	E200.7
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Iron		6.49	mg/L	0.05	E200.7
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	pH		8.5	s.u.	0.1	E150.1
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Conductivity		535	umhos/cm	1	A2510 B
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Sulfate		7	mg/L	1	E300.0
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Sodium		135	mg/L	1	E200.7
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Bicarbonate as HCO3		290	mg/L	1	A2320 B
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		257	mg/L	1	A2320 B
807021100-006	Aqueous	2/18/2007 15:04	2/20/2007	2/25/2007	Carbonate as CO3		7	mg/L	1	A2320 B
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Sulfate		29	mg/L	1	E300.0
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Chloride		4	mg/L	1	E300.0
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Conductivity		481	umhos/cm	1	A2510 B
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Hardness as CaCO3		148	mg/L	1	A2340 B
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Bicarbonate as HCO3		259	mg/L	1	A2320 B
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.8	mg/L	0.05	E353.2
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Magnesium		13	mg/L	1	E200.7
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Calcium		38	mg/L	1	E200.7
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	pH		7.3	s.u.	0.1	E150.1
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		274	mg/L	1	A1090F
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Sodium		48	mg/L	1	E200.7
807021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		212	mg/L	1	A2320 B
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Hardness as CaCO3		109	mg/L	1	A2340 B
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Sodium		45	mg/L	1	E200.7
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		227	mg/L	1	A1090F
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Conductivity		399	umhos/cm	1	A2510 B
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Bicarbonate as HCO3		215	mg/L	1	A2320 B
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Calcium		28	mg/L	1	E200.7
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	pH		7.9	s.u.	0.1	E150.1
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Sulfate		25	mg/L	1	E300.0
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		177	mg/L	1	A2320 B
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Magnesium		10	mg/L	1	E200.7
807021100-008	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.21	mg/L	0.05	E353.2
807021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Bicarbonate as HCO3		197	mg/L	1	A2320 B
807021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Calcium		35	mg/L	1	E200.7
807021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Magnesium		13	mg/L	1	E200.7
807021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
807021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
807021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Sulfate		24	mg/L	1	E300.0

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	Rlimit	Method
307021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		205	mg/L	1	A1090F
307021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.37	mg/L	0.05	E353.2
307021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Potassium		1	mg/L	1	E200.7
307021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		162	mg/L	1	A2320 B
307021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Conductivity		348	umhos/cm	1	A2510 B
307021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Sodium		21	mg/L	1	E200.7
307021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	pH		7.6	s.u.	0.1	E150.1
307021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Hardness as CaCO3		141	mg/L	1	A2340 B
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Hardness as CaCO3		7	mg/L	1	A2340 B
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Calcium		2	mg/L	1	E200.7
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Bicarbonate as HCO3		227	mg/L	1	A2320 B
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Iron		0.29	mg/L	0.03	E200.7
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Magnesium	ND		mg/L	1	E200.7
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		322	mg/L	1	A1090F
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Chloride		1	mg/L	1	E300.0
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Sulfate		54	mg/L	1	E300.0
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		198	mg/L	1	A2320 B
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Carbonate as CO3		7	mg/L	1	A2320 B
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Conductivity		514	umhos/cm	1	A2510 B
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	pH		8.5	s.u.	0.1	E150.1
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Sodium		128	mg/L	1	E200.7
307021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Hardness as CaCO3		109	mg/L	1	A2340 B
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		152	mg/L	1	A1090F
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Calcium		30	mg/L	1	E200.7
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	pH		7.3	s.u.	0.1	E150.1
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Conductivity		266	umhos/cm	1	A2510 B
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.05	mg/L	0.05	E353.2
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Sulfate		10	mg/L	1	E300.0
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Chloride		2	mg/L	1	E300.0
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Magnesium		8	mg/L	1	E200.7
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Sodium		11	mg/L	1	E200.7
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Bicarbonate as HCO3		145	mg/L	1	A2320 B
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		118	mg/L	1	A2320 B
307021100-011	Aqueous	2/19/2007 9:10	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Conductivity		500	umhos/cm	1	A2510 B
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	pH		7.7	s.u.	0.1	E150.1
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Chloride		4	mg/L	1	E300.0
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Hardness as CaCO3		7	mg/L	1	A2340 B
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Sulfate		36	mg/L	1	E300.0
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N		0.57	mg/L	0.05	E353.2
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Magnesium	ND		mg/L	1	E200.7
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Bicarbonate as HCO3		258	mg/L	1	A2320 B
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Potassium	ND		mg/L	1	E200.7
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Calcium		2	mg/L	1	E200.7
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Sodium		121	mg/L	1	E200.7
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated		301	mg/L	1	A1090F
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Iron	ND		mg/L	0.03	E200.7
307021100-008	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3		212	mg/L	1	A2320 B
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		11.6	grains/gal	0.1	Calculation
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Chloride		5	mg/L	1	E300.0
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.18	mg/L	0.05	E353.2
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		366	mg/L	1	A1090F
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Sulfate		75	mg/L	1	E300.0
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Hardness as CaCO3		198	mg/L	1	A2340 B
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	pH		7.7	s.u.	0.1	A4500 H
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Sodium		60	mg/L	1	E200.7
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Potassium		1	mg/L	1	E200.7
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Magnesium		20	mg/L	1	E200.7
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		242	mg/L	1	A2320 B
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Bicarbonate as HCO3		296	mg/L	1	A2320 B
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Calcium		46	mg/L	1	E200.7
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
307051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Conductivity		634	umhos/cm	1	A2510 B
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Chloride		3	mg/L	1	E300.0
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.5	grains/gal	0.1	Calculation
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO3		9	mg/L	1	A2340 B
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Sodium		157	mg/L	1	E200.7
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Conductivity		832	umhos/cm	1	A2510 B
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Sulfate		74	mg/L	1	E300.0
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		389	mg/L	1	A1090F
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		233	mg/L	1	A2320 B
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Bicarbonate as HCO3		265	mg/L	1	A2320 B
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Carbonate as CO3		9	mg/L	1	A2320 B
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Calcium		3	mg/L	1	E200.7
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.51	mg/L	0.05	E353.2
307051834-009	Aqueous	5/19/2007 9:50	5/21/2007	5/30/2007	pH		8.7	s.u.	0.1	A4500 H
307051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Magnesium		3	mg/L	1	E200.7
307051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		2.2	grains/gal	0.1	Calculation
307051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		261	mg/L	1	A2320 B
307051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Bicarbonate as HCO3		280	mg/L	1	A2320 B
307051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Carbonate as CO3		19	mg/L	1	A2320 B
307051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Conductivity		623	umhos/cm	1	A2510 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Sulfate		44	mg/L	1	E300.0
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Chloride		7	mg/L	1	E300.0
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Iron		9.86	mg/L	0.03	E200.7
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Potassium		3	mg/L	1	E200.7
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Sodium		158	mg/L	1	E200.7
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	pH		9	s.u.	0.1	A4500 H
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		446	mg/L	1	A1030F
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Hardness as CaCO3		37	mg/L	1	A2340 B
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/30/2007	Calcium		10	mg/L	1	E200.7
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		219	mg/L	1	A2320 B
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Bicarbonate as HCO3		239	mg/L	1	A2320 B
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	pH		8.9	s.u.	0.1	A4500 H
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Sulfate		24	mg/L	1	E300.0
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Conductivity		496	umhos/cm	1	A2510 B
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Hardness as CaCO3		4	mg/L	1	A2340 B
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Carbonate as CO3		14	mg/L	1	A2320 B
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Chloride		3	mg/L	1	E300.0
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Iron		0.16	mg/L	0.03	E200.7
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Sodium		139	mg/L	1	E200.7
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.2	grains/gal	0.1	Calculation
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		309	mg/L	1	A1030F
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807051834-019	Aqueous	5/18/2007 17:44	5/21/2007	5/30/2007	Calcium		2	mg/L	1	E200.7
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.07	mg/L	0.05	E353.2
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Conductivity		406	umhos/cm	1	A2510 B
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Bicarbonate as HCO3		231	mg/L	1	A2320 B
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		190	mg/L	1	A2320 B
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6	grains/gal	0.1	Calculation
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		233	mg/L	1	A1030F
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Sulfate		18	mg/L	1	E300.0
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Calcium		26	mg/L	1	E200.7
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Iron		0.16	mg/L	0.03	E200.7
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Sodium		52	mg/L	1	E200.7
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	Hardness as CaCO3		102	mg/L	1	A2340 B
807051834-011	Aqueous	5/19/2007 8:20	5/21/2007	5/30/2007	pH		8.1	s.u.	0.1	A4500 H
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Hardness as CaCO3		119	mg/L	1	A2340 B
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Sodium		13	mg/L	1	E200.7
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.34	mg/L	0.05	E353.2
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	pH		7.6	s.u.	0.1	A4500 H
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Iron		0.04	mg/L	0.03	E200.7
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		162	mg/L	1	A1030F
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Sulfate		10	mg/L	1	E300.0
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6.9	grains/gal	0.1	Calculation
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Bicarbonate as HCO3		156	mg/L	1	A2320 B
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Conductivity		278	umhos/cm	1	A2510 B
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		128	mg/L	1	A2320 B
807051834-012	Aqueous	5/20/2007 11:15	5/21/2007	5/30/2007	Calcium		33	mg/L	1	E200.7
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		225	mg/L	1	A1030F
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Chloride		2	mg/L	1	E300.0
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Sulfate		15	mg/L	1	E300.0
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Hardness as CaCO3		136	mg/L	1	A2340 B
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		7.6	grains/gal	0.1	Calculation
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Calcium		37	mg/L	1	E200.7
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.07	mg/L	0.05	E353.2
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	pH		8.3	s.u.	0.1	A4500 H
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Sodium		37	mg/L	1	E200.7
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Conductivity		480	umhos/cm	1	A2510 B
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Iron		0.33	mg/L	0.03	E200.7
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Carbonate as CO3		3	mg/L	1	A2320 B
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Bicarbonate as HCO3		226	mg/L	1	A2320 B
807051834-003	Aqueous	5/18/2007 17:17	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		191	mg/L	1	A2320 B
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Magnesium		12	mg/L	1	E200.7
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Conductivity		498	umhos/cm	1	A2510 B
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Chloride		2	mg/L	1	E300.0
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		292	mg/L	1	A1030F
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Sulfate		24	mg/L	1	E300.0
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		9.6	grains/gal	0.1	Calculation
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	pH		7.9	s.u.	0.1	A4500 H
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Sodium		55	mg/L	1	E200.7
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		231	mg/L	1	A2320 B
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Potassium		1	mg/L	1	E200.7
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Hardness as CaCO3		365	mg/L	1	A2340 B
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Calcium		46	mg/L	1	E200.7
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/30/2007	Bicarbonate as HCO3		282	mg/L	1	A2320 B
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Conductivity		338	umhos/cm	1	A2510 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Hardness as CaCO3		111	mg/L	1	A2340 B
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Calcium		29	mg/L	1	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	pH		8	s.u.	0.1	A4500 H
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Sodium		33	mg/L	1	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		199	mg/L	1	A1090F
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6.5	grains/gal	0.1	Calculation
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Sulfate		20	mg/L	1	E300.0
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Bicarbonate as HCO3		182	mg/L	1	A2320 B
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		149	mg/L	1	A2320 B
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.6	mg/L	0.05	E353.2
807051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Conductivity		486	umhos/cm	1	A2510 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	pH		7.9	s.u.	0.1	A4500 H
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Bicarbonate as HCO3		286	mg/L	1	A2320 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		234	mg/L	1	A2320 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Chloride		2	mg/L	1	E300.0
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		9.7	grains/gal	0.1	Calculation
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Hardness as CaCO3		166	mg/L	1	A2340 B
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		290	mg/L	1	A1090F
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Magnesium		13	mg/L	1	E200.7
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Sulfate		22	mg/L	1	E300.0
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Sodium		54	mg/L	1	E200.7
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.16	mg/L	0.05	E353.2
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Calcium		45	mg/L	1	E200.7
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-004	Aqueous	5/19/2007 13:40	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		144	mg/L	1	A2320 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	pH		7.7	s.u.	0.1	A4500 H
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Sodium		18	mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Bicarbonate as HCO3		175	mg/L	1	A2320 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Conductivity		310	umhos/cm	1	A2510 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Sulfate		10	mg/L	1	E300.0
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		175	mg/L	1	A1090F
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		7	grains/gal	0.1	Calculation
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Calcium		32	mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Magnesium		10	mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Hardness as CaCO3		119	mg/L	1	A2340 B
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.55	mg/L	0.05	E353.2
807051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Sulfate		38	mg/L	1	E300.0
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Chloride		14	mg/L	1	E300.0
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Hardness as CaCO3		39	mg/L	1	A2340 B
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		2.3	grains/gal	0.1	Calculation
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Conductivity		681	umhos/cm	1	A2510 B
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		417	mg/L	1	A1090F
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		293	mg/L	1	A2320 B
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Sodium		163	mg/L	1	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	pH		8.5	s.u.	0.1	A4500 H
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.07	mg/L	0.05	E353.2
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Bicarbonate as HCO3		339	mg/L	1	A2320 B
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Magnesium		2	mg/L	1	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Calcium		12	mg/L	1	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-008	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Carbonate as CO3		9	mg/L	1	A2320 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Calcium		3	mg/L	1	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Sodium		136	mg/L	1	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Carbonate as CO3		4	mg/L	1	A2320 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Bicarbonate as HCO3		299	mg/L	1	A2320 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		252	mg/L	1	A2320 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		331	mg/L	1	A1090F
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Iron		2.5	mg/L	0.03	E200.7
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6.5	grains/gal	0.1	Calculation
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Chloride		2	mg/L	1	E300.0
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Hardness as CaCO3		9	mg/L	1	A2340 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Sulfate		7	mg/L	1	E300.0
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Conductivity		527	umhos/cm	1	A2510 B
807051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	pH		8.5	s.u.	0.1	A4500 H
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.79	mg/L	0.05	E353.2
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Sulfate		28	mg/L	1	E300.0
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		209	mg/L	1	A2320 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Bicarbonate as HCO3		255	mg/L	1	A2320 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Hardness as CaCO3		155	mg/L	1	A2340 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		9	grains/gal	0.1	Calculation
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Conductivity		472	umhos/cm	1	A2510 B
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Sodium		50	mg/L	1	E200.7
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	pH		7.6	s.u.	0.1	A4500 H
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Calcium		41	mg/L	1	E200.7

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Magnesium		12	mg/L	1	E200.7
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Chloride		4	mg/L	1	E300.0
807051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		276	mg/L	1	A1090F
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Hardness as CaCO3		112	mg/L	1	A2340 B
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Calcium		29	mg/L	1	E200.7
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	pH		7.9	s.u.	0.1	A4500 H
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		232	mg/L	1	A1090F
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Conductivity		383	umhos/cm	1	A2510 B
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6.5	grains/gal	0.1	Calculation
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Sulfate		23	mg/L	1	E300.0
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.22	mg/L	0.05	E353.2
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Sodium		48	mg/L	1	E200.7
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		177	mg/L	1	A2320 B
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Bicarbonate as HCO3		217	mg/L	1	A2320 B
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
807051834-020	Aqueous	5/19/2007 16:50	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Bicarbonate as HCO3		179	mg/L	1	A2320 B
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Sulfate		29	mg/L	1	E300.0
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		208	mg/L	1	A1090F
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Hardness as CaCO3		127	mg/L	1	A2340 B
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		7.4	grains/gal	0.1	Calculation
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.26	mg/L	0.05	E353.2
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		147	mg/L	1	A2320 B
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Sodium		30	mg/L	1	E200.7
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Calcium		35	mg/L	1	E200.7
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Magnesium		9	mg/L	1	E200.7
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Conductivity		353	umhos/cm	1	A2510 B
807051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	pH		7.9	s.u.	0.1	A4500 H
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Sulfate		25	mg/L	1	E300.0
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.48	mg/L	0.05	E353.2
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Calcium		39	mg/L	1	E200.7
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	pH		7.7	s.u.	0.1	A4500 H
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Sodium		31	mg/L	1	E200.7
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Potassium		1	mg/L	1	E200.7
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Magnesium		11	mg/L	1	E200.7
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Iron		0.03	mg/L	0.03	E200.7
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		224	mg/L	1	A1090F
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Hardness as CaCO3		142	mg/L	1	A2340 B
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Bicarbonate as HCO3		207	mg/L	1	A2320 B
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		169	mg/L	1	A2320 B
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Conductivity		388	umhos/cm	1	A2510 B
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		8.4	grains/gal	0.1	Calculation
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Calcium		2	mg/L	1	E200.7
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Chloride	ND		mg/L	1	E300.0
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Conductivity		565	umhos/cm	1	A2510 B
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	pH		8.8	s.u.	0.1	A4500 H
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sulfate		51	mg/L	1	E300.0
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Carbonate as CO3		9	mg/L	1	A2320 B
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		312	mg/L	1	A1090F
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sodium		125	mg/L	1	E200.7
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		198	mg/L	1	A2320 B
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Bicarbonate as HCO3		223	mg/L	1	A2320 B
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Hardness as CaCO3		6	mg/L	1	A2340 B
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.4	grains/gal	0.1	Calculation
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Iron		0.06	mg/L	0.03	E200.7
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.64	mg/L	0.05	E353.2
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	pH		7.6	s.u.	0.1	A4500 H
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Iron	ND		mg/L	0.03	E200.7
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Magnesium		8	mg/L	1	E200.7
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Sodium		12	mg/L	1	E200.7
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Calcium		33	mg/L	1	E200.7
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Conductivity		273	umhos/cm	1	A2510 B
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Sulfate		9	mg/L	1	E300.0
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Chloride		1	mg/L	1	E300.0
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Bicarbonate as HCO3		150	mg/L	1	A2320 B
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		157	mg/L	1	A1090F
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		123	mg/L	1	A2320 B
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Hardness as CaCO3		115	mg/L	1	A2340 B
807051834-014	Aqueous	5/20/2007 11:20	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		6.7	grains/gal	0.1	Calculation
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Bicarbonate as HCO3		232	mg/L	1	A2320 B
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Carbonate as CO3		17	mg/L	1	A2320 B
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Chloride		11	mg/L	1	E300.0
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Sulfate		37	mg/L	1	E300.0
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		219	mg/L	1	A2320 B
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		1.08	mg/L	0.05	E353.2

Horse Creek CGWA Water Quality Data

LabSampid	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	RLimit	Method
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Conductivity		548	umhos/cm	1	A2510 B
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Sodium		142	mg/L	1	E200.7
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO3		4	mg/L	1	A2340 B
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Iron	ND		mg/L	0.08	E200.7
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	pH		8.9	s.u.	0.1	A4500 H
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.2	grains/gal	0.1	Calculation
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Calcium		2	mg/L	1	E200.7
807051834-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		341	mg/L	1	A1030F
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Magnesium	ND		mg/L	1	E200.7
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Conductivity		519	umhos/cm	1	A2510 B
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	pH		8	s.u.	0.1	A4500 H
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3		216	mg/L	1	A2320 B
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Bicarbonate as HCO3		263	mg/L	1	A2320 B
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.74	mg/L	0.05	E353.2
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Iron	ND		mg/L	0.08	E200.7
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Potassium	ND		mg/L	1	E200.7
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sodium		123	mg/L	1	E200.7
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		312	mg/L	1	A1030F
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO3		8	mg/L	1	A2340 B
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains		0.5	grains/gal	0.1	Calculation
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Chloride		4	mg/L	1	E300.0
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sulfate		28	mg/L	1	E300.0
807051834-013	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Calcium		3	mg/L	1	E200.7
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Sodium		37	mg/L	1	E200.7
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Conductivity		750	umhos/cm	1	A2510 B
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Sulfate		96	mg/L	1	E300.0
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Chloride		28	mg/L	1	E300.0
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Calcium		71	mg/L	1	E200.7
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Irrigation Classification	–				Visual
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Livestock Suitability	–				Visual
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	pH		8	s.u.	0.1	A4500 H
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		4.86	mg/L	0.05	E353.2
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Magnesium		33	mg/L	1	E200.7
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Iron		0.19	mg/L	0.08	E200.7
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Bicarbonate as HCO3		289	mg/L	1	A2320 B
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		237	mg/L	1	A2320 B
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		18.4	grains/gal	0.1	Calculation
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Hardness as CaCO3		314	mg/L	1	A2340 B
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-010	Aqueous	8/25/2007 10:30	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		440	mg/L	1	A1030F
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		336	mg/L	1	A1030F
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	pH		8.6	s.u.	0.1	A4500 H
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Conductivity		567	umhos/cm	1	A2510 B
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Hardness as CaCO3		7	mg/L	1	A2340 B
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.4	grains/gal	0.1	Calculation
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Sulfate		36	mg/L	1	E300.0
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Chloride		2	mg/L	1	E300.0
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		1.1	mg/L	0.05	E353.2
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Calcium		2	mg/L	1	E200.7
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		241	mg/L	1	A2320 B
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Bicarbonate as HCO3		279	mg/L	1	A2320 B
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Iron	ND		mg/L	0.08	E200.7
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Carbonate as CO3		8	mg/L	1	A2320 B
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Sodium		196	mg/L	1	E200.7
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Livestock Suitability	–				Visual
807082466-009	Aqueous	8/25/2007 11:02	8/28/2007	9/5/2007	Irrigation Classification	–				Visual
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Conductivity		486	umhos/cm	1	A2510 B
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Sodium		112	mg/L	1	E200.7
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Iron		0.13	mg/L	0.08	E200.7
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Calcium		1	mg/L	1	E200.7
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	pH		8.8	s.u.	0.1	A4500 H
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Carbonate as CO3		14	mg/L	1	A2320 B
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.2	grains/gal	0.1	Calculation
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Hardness as CaCO3		4	mg/L	1	A2340 B
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		281	mg/L	1	A1030F
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Sulfate		22	mg/L	1	E300.0
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Irrigation Classification	–				Visual
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Livestock Suitability	–				Visual
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Bicarbonate as HCO3		234	mg/L	1	A2320 B
807082466-017	Aqueous	8/26/2007 9:23	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		215	mg/L	1	A2320 B
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		5.4	grains/gal	0.1	Calculation
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Conductivity		336	umhos/cm	1	A2510 B
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	pH		8	s.u.	0.1	A4500 H
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Sodium		38	mg/L	1	E200.7
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Potassium		1	mg/L	1	E200.7
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Magnesium		6	mg/L	1	E200.7
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Livestock Suitability	–				Visual
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		192	mg/L	1	A1030F
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.39	mg/L	0.05	E353.2
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Hardness as CaCO3		92	mg/L	1	A2340 B
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Irrigation Classification	–				Visual

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	RLimit	Method
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Calcium		27	mg/L	1	E200.7
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Bicarbonate as HCO3		189	mg/L	1	A2320 B
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Sulfate		13	mg/L	1	E300.0
807082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		155	mg/L	1	A2320 B
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.22	mg/L	0.05	E353.2
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Potassium		1	mg/L	1	E200.7
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Magnesium		11	mg/L	1	E200.7
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		192	mg/L	1	A2320 B
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Iron		1.87	mg/L	0.03	E200.7
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Sodium		33	mg/L	1	E200.7
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Bicarbonate as HCO3		234	mg/L	1	A2320 B
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Hardness as CaCO3		148	mg/L	1	A2340 B
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Calcium		40	mg/L	1	E200.7
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Irrigation Classification	–				Visual
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		8.3	grains/gal	0.1	Calculation
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		238	mg/L	1	A1030F
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	pH		8.3	s.u.	0.1	A4500 H
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Conductivity		398	umhos/cm	1	A2510 B
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Chloride		2	mg/L	1	E300.0
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Sulfate		14	mg/L	1	E300.0
807082466-016	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Livestock Suitability	–				Visual
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		132	mg/L	1	A2320 B
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Bicarbonate as HCO3		161	mg/L	1	A2320 B
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Sulfate		10	mg/L	1	E300.0
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.2	mg/L	0.05	E353.2
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Calcium		37	mg/L	1	E200.7
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Livestock Suitability	–				Visual
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Iron		5.8	mg/L	0.06	E200.7
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Magnesium		10	mg/L	1	E200.7
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Sodium		13	mg/L	1	E200.7
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		7.8	grains/gal	0.1	Calculation
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		190	mg/L	1	A1030F
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Hardness as CaCO3		133	mg/L	1	A2340 B
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Chloride		1	mg/L	1	E300.0
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	pH		7.5	s.u.	0.1	A4500 H
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Conductivity		283	umhos/cm	1	A2510 B
807082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Irrigation Classification	–				Visual
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3		132	mg/L	1	A2340 B
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		290	mg/L	1	A1030F
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sodium		58	mg/L	1	E200.7
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Livestock Suitability	–				Visual
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		7.7	grains/gal	0.1	Calculation
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Magnesium		12	mg/L	1	E200.7
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Irrigation Classification	–				Visual
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Iron		0.05	mg/L	0.03	E200.7
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Calcium		33	mg/L	1	E200.7
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Conductivity		460	umhos/cm	1	A2510 B
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	pH		8.2	s.u.	0.1	A4500 H
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Bicarbonate as HCO3		281	mg/L	1	A2320 B
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		230	mg/L	1	A2320 B
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
807082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sulfate		25	mg/L	1	E300.0
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		9.2	grains/gal	0.1	Calculation
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Sodium		50	mg/L	1	E200.7
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Calcium		42	mg/L	1	E200.7
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Sulfate		22	mg/L	1	E300.0
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.33	mg/L	0.05	E353.2
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Chloride		2	mg/L	1	E300.0
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Magnesium		12	mg/L	1	E200.7
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Iron		0.49	mg/L	0.03	E200.7
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		287	mg/L	1	A1030F
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Hardness as CaCO3		156	mg/L	1	A2340 B
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Irrigation Classification	–				Visual
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	pH		8.1	s.u.	0.1	A4500 H
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Bicarbonate as HCO3		290	mg/L	1	A2320 B
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		238	mg/L	1	A2320 B
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Conductivity		499	umhos/cm	1	A2510 B
807082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Livestock Suitability	–				Visual
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Sulfate		11	mg/L	1	E300.0
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Chloride	ND		mg/L	1	E300.0
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Bicarbonate as HCO3		182	mg/L	1	A2320 B
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Conductivity		312	umhos/cm	1	A2510 B
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Livestock Suitability	–				Visual
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		7.2	grains/gal	0.1	Calculation
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Hardness as CaCO3		122	mg/L	1	A2340 B
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		181	mg/L	1	A1030F
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	pH		7.8	s.u.	0.1	A4500 H
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.35	mg/L	0.05	E353.2
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		149	mg/L	1	A2320 B

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	RLimit	Method
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Calcium		33	mg/L	1	E200.7
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Magnesium		10	mg/L	1	E200.7
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Sodium		20	mg/L	1	E200.7
807082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Calcium		53	mg/L	1	E200.7
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		350	mg/L	1	A1030F
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Hardness as CaCO3		205	mg/L	1	A2340 B
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		12	grains/gal	0.1	Calculation
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.25	mg/L	0.05	E353.2
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Potassium		2	mg/L	1	E200.7
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Iron		0.11	mg/L	0.08	E200.7
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Sodium		57	mg/L	1	E200.7
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Conductivity		596	umhos/cm	1	A2510 B
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	pH		8	s.u.	0.1	A4500 H
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Bicarbonate as HCO3		338	mg/L	1	A2320 B
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		277	mg/L	1	A2320 B
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Magnesium		17	mg/L	1	E200.7
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
807082466-008	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Sulfate		87	mg/L	1	E300.0
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride		2	mg/L	1	E300.0
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate		4	mg/L	1	E300.0
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Potassium		9	mg/L	1	E200.7
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sodium		127	mg/L	2	E200.7
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Calcium		11	mg/L	1	E200.7
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron		36	mg/L	0.2	E200.7
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO3		59	mg/L	1	A2340 B
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		600	mg/L	1	A1030F
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Carbonate as CO3		9	mg/L	1	A2320 B
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Bicarbonate as HCO3		304	mg/L	1	A2320 B
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	pH		8.6	s.u.	0.1	A4500 H
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity		546	umhos/cm	1	A2510 B
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium		6	mg/L	1	E200.7
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		264	mg/L	1	A2320 B
807082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		3.4	grains/gal	0.1	Calculation
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Bicarbonate as HCO3		246	mg/L	1	A2320 B
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Hardness as CaCO3		165	mg/L	1	A2340 B
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Sulfate		14	mg/L	1	E300.0
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		235	mg/L	1	A1030F
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.7	mg/L	0.05	E353.2
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Iron	ND		mg/L	0.08	E200.7
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Potassium		1	mg/L	1	E200.7
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	pH		7.9	s.u.	0.1	A4500 H
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Sodium		27	mg/L	1	E200.7
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		9.7	grains/gal	0.1	Calculation
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Calcium		43	mg/L	1	E200.7
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Conductivity		422	umhos/cm	1	A2510 B
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		201	mg/L	1	A2320 B
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
807082466-006	Aqueous	8/25/2007 13:50	8/28/2007	9/5/2007	Magnesium		14	mg/L	1	E200.7
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Calcium		40	mg/L	1	E200.7
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Sulfate		26	mg/L	1	E300.0
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Iron	ND		mg/L	0.08	E200.7
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Magnesium		12	mg/L	1	E200.7
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		1.31	mg/L	0.05	E353.2
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		8.6	grains/gal	0.1	Calculation
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Sodium		47	mg/L	1	E200.7
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Hardness as CaCO3		147	mg/L	1	A2340 B
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	pH		7.8	s.u.	0.1	A4500 H
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Conductivity		480	umhos/cm	1	A2510 B
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		216	mg/L	1	A2320 B
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		275	mg/L	1	A1030F
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Bicarbonate as HCO3		264	mg/L	1	A2320 B
807082466-000	Aqueous	8/25/2007 15:05	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		178	mg/L	1	A2320 B
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Bicarbonate as HCO3		218	mg/L	1	A2320 B
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		227	mg/L	1	A1030F
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Calcium		27	mg/L	1	E200.7
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity		383	umhos/cm	1	A2510 B
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sodium		48	mg/L	1	E200.7
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO3		104	mg/L	1	A2340 B
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		6.1	grains/gal	0.1	Calculation
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium		9	mg/L	1	E200.7
807082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate		23	mg/L	1	E300.0

Horse Creek CGWA Water Quality Data

LabSampId	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	pH		8.3	s.u.	0.1	A4500 H
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride		1	mg/L	1	E300.0
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.16	mg/L	0.05	E353.2
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Bicarbonate as HCO3		234	mg/L	1	A2320 B
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		203	mg/L	1	A2320 B
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Iron		0.12	mg/L	0.03	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Calcium		2	mg/L	1	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Conductivity		513	umhos/cm	1	A2510 B
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Carbonate as CO3		6	mg/L	1	A2320 B
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	pH		8.5	s.u.	0.1	A4500 H
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		308	mg/L	1	A1030F
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Chloride	ND		mg/L	1	E300.0
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Sodium		120	mg/L	1	E200.7
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Sulfate		49	mg/L	1	E300.0
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.4	grains/gal	0.1	Calculation
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Hardness as CaCO3		6	mg/L	1	A2340 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		158	mg/L	1	A1030F
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Sodium		12	mg/L	1	E200.7
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Hardness as CaCO3		113	mg/L	1	A2340 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	pH		7.9	s.u.	0.1	A4500 H
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Chloride		1	mg/L	1	E300.0
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Magnesium		8	mg/L	1	E200.7
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Calcium		32	mg/L	1	E200.7
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.53	mg/L	0.05	E353.2
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		6.6	grains/gal	0.1	Calculation
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Conductivity		274	umhos/cm	1	A2510 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Bicarbonate as HCO3		155	mg/L	1	A2320 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		127	mg/L	1	A2320 B
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Sulfate		10	mg/L	1	E300.0
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Calcium	ND		mg/L	1	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Sodium		113	mg/L	1	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		210	mg/L	1	A2320 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.25	mg/L	0.05	E353.2
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Bicarbonate as HCO3		220	mg/L	1	A2320 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Carbonate as CO3		18	mg/L	1	A2320 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.1	grains/gal	0.1	Calculation
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Hardness as CaCO3		2	mg/L	1	A2340 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		276	mg/L	1	A1030F
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Iron	ND		mg/L	0.03	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	pH		8.9	s.u.	0.1	A4500 H
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Conductivity		466	umhos/cm	1	A2510 B
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Sulfate		20	mg/L	1	E300.0
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Chloride		3	mg/L	1	E300.0
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Irrigation Classification	--				Visual
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/L	1	A2320 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		218	mg/L	1	A2320 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Bicarbonate as HCO3		266	mg/L	1	A2320 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Hardness as CaCO3		6	mg/L	1	A2340 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		303	mg/L	1	A1030F
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Magnesium	ND		mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Sulfate		29	mg/L	1	E300.0
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Chloride		4	mg/L	1	E300.0
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Livestock Suitability	--				Visual
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Sodium		121	mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	pH		8.1	s.u.	0.1	A4500 H
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		1.13	mg/L	0.05	E353.2
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Iron		0.03	mg/L	0.03	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Calcium		2	mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Conductivity		506	umhos/cm	1	A2510 B
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Potassium	ND		mg/L	1	E200.7
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.4	grains/gal	0.1	Calculation
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Irrigation Classification	--				Visual

APPENDIX D
Water Rights Information

: 07 07 10:49p
w Chief Meadows is a south central Montana rural subdivision an...

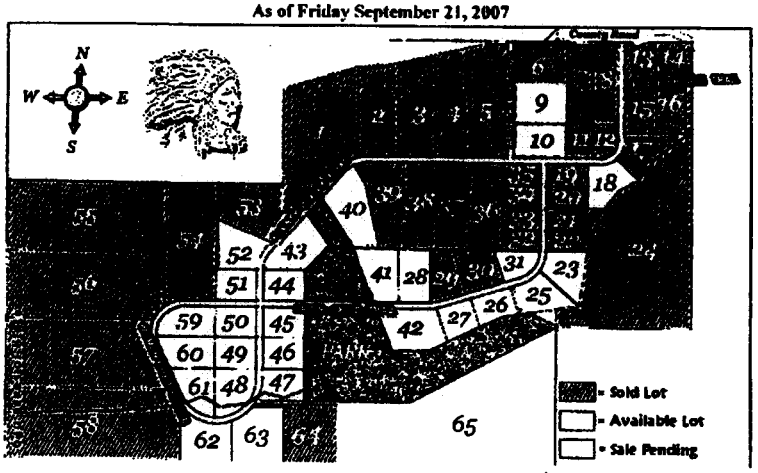
p.2
http://www.crowchief.com/lots.html

FULL DESCRIPTION
THE COVENANTS
AVAILABLE LOTS
SUBDIVISION MAP

Crow Chief Meadows

PHOTO GALLERY
PROJECT HISTORY
"CROW COUNTRY"
CONTACT US

MAJOR SUBDIVISION LOTS
Crow Chief Meadows near Absarokee, Montana
As of Friday September 21, 2007



AVAILABLE LOTS

- Lot 9 - 4.0314 acres Sale Pending
- Lot 10 - 3.6785 acres Sale Pending
- Lot 18 - 3.3149 acres
- Lot 23 - 3.4037 acres
- Lot 25 - 3.4437 acres
- Lot 26 - 2.3850 acres
- Lot 27 - 2.4917 acres
- Lot 28 - 3.6632 acres
- Lot 31 - 2.1436 acres
- Lot 40 - 5.7013 acres Sale Pending
- Lot 41 - 3.9526 acres Sale Pending
- Lot 42 - 5.2771 acres Sale Pending
- Lot 43 - 4.4324 acres Sale Pending
- Lot 44 - 2.7548 acres
- Lot 45 - 2.7548 acres
- Lot 46 - 2.7548 acres
- Lot 47 - 2.8322 acres
- Lot 48 - 3.5443 acres
- Lot 49 - 2.7548 acres
- Lot 50 - 2.7548 acres
- Lot 51 - 2.7381 acres
- Lot 52 - 4.0800 acres
- Lot 59 - 3.5433 acres Sale Pending
- Lot 60 - 3.5038 acres
- Lot 61 - 3.2842 acres
- Lot 62 - 4.4288 acres
- Lot 63 - 5.5473 acres
- Lot 65 - 40.2848 acres

SOLD LOTS-- 37 total lots sold; 7 pending sales; 21 Lots still available for sale

- Lot 1
- Lot 2
- Lot 3
- Lot 4
- Lot 5
- Lot 6
- Lot 7
- Lot 8
- Lot 11
- Lot 12
- Lot 13
- Lot 14
- Lot 15
- Lot 16
- Lot 17
- Lot 19
- Lot 20
- Lot 21
- Lot 22
- Lot 24
- Lot 29
- Lot 30
- Lot 32
- Lot 33
- Lot 34
- Lot 35
- Lot 36
- Lot 37
- Lot 38
- Lot 39
- Lot 53
- Lot 54
- Lot 55
- Lot 56
- Lot 57
- Lot 58
- Lot 64

Crow Chief Meadows Inc.
P.O. Box 354 Absarokee, Montana 59001
(406) 328-4302 Fax (406)328-7121
Email

APPENDIX E
Supporting Information

DNRC Monitoring Site Survey Data

ID	Site Name	Latitude	Latitude CI	Longitude	Longitude CI	Elevation	Elevation CI	Notes:
AAAA	State Section Well (base point)	45.48380645	0	-109.504526	0	4542.825	0	base station
AAAC	State Section Springs	45.48358488	0.048	-109.502383	0.039	4497.973	0.079	
AAAD	State Section Springs collection box	45.48366892	0.046	-109.5028212	0.036	4502.457	0.07	
AAAE	Zook Spring	45.49228189	0.042	-109.4911062	0.035	4423.019	0.067	
AAAF	Zook (spring box?)	45.49085467	0.042	-109.4916007	0.035	4416.21	0.066	
AAAG	Rex Monitor Well	45.50746458	0.039	-109.4915488	0.036	4376.649	0.063	
AAAH	Rex Spring #3	45.50925016	0.058	-109.4960009	0.056	4331.183	0.094	monitoring point
AAAI	Rex Spring #3 source	45.50801029	0.075	-109.4959157	0.058	4400.441	0.11	spring location
AAAJ	Rex Spring #2	45.5105404	0.081	-109.4958672	0.061	4289.823	0.155	
AAAK	Rex Spring #1	45.52086376	0.091	-109.497184	0.06	4159.392	0.091	monitoring point
AAAL	Rex Spring #1 source	45.52102387	0.091	-109.496696	0.06	4174.476	0.091	spring location
AAAM	Rex House Well	45.52148904	0.141	-109.4968009	0.063	4161.704	0.108	
AAAN	Nash Well	45.51900432	0.114	-109.4818847	0.084	4153.206	0.127	
AAAO	Johnson Spring #1 tank	45.51812284	0.106	-109.4838195	0.064	4156.756	0.114	
AAAP	Johnson Spring #2	45.5207335	0.108	-109.4579341	0.066	4131.488	0.127	
AAAQ	Gravel Pit Springs	45.49772451	0.394	-109.4699039	0.373	4307.364	0.429	spring location
AAAR	Gravel Pit Springs source elevation	45.49775773	0.078	-109.4700198	0.048	4300.36	0.117	spring elevation
AAAS	Flanagan Springs	45.50124428	0.335	-109.4822111	0.333	4354.387	0.377	spring location
AAAT	Flanagan Springs source elevation	45.50131278	0.06	-109.4826333	0.037	4360.98	0.088	spring elevation
AAAU	Chandler Well	45.48586129	0.068	-109.4707241	0.049	4257.646	0.155	
AAAV	Bass Well	45.47021326	0.052	-109.5334114	0.052	4759.047	0.089	
AAAW	Brown Well	45.47760621	0.055	-109.5365136	0.041	4560.102	0.119	
AAAX	Rex Spring #6 tank	45.49555142	0.106	-109.5046325	0.042	4391.39	0.108	monitoring point
AAAY	Rex Spring #6 source pipe	45.49565644	0.116	-109.5044504	0.043	4395.348	0.114	spring location
AAAZ	Rex Spring #5 monitoring point	45.49866419	0.116	-109.505684	0.044	4388.097	0.112	monitoring point
AABA	Rex Spring #5 source	45.49894906	0.109	-109.5040681	0.043	4435.118	0.107	spring location
AABB	Rex Spring #4 tank	45.50472937	0.096	-109.5082205	0.043	4403.421	0.093	monitoring point
AABC	Rex Spring #4 source	45.50442135	0.087	-109.5078876	0.049	4428.889	0.136	spring location
AABD	GWM69 Benchmark	45.52236293	0.042	-109.5067804	0.021	4158.74	0.049	monument on concrete abutment (4156')
AABE	Borland Well #1	45.49174397	0.035	-109.4777307	0.022	4374.376	0.049	
AABF	Borland Well #2	45.48805643	0.035	-109.4826999	0.023	4359.75	0.053	
AABG	DNRC East Flume #2 (relocated)	45.48617707	0.04	-109.4795335	0.024	4282.653	0.054	

DNRC Monitoring Site Survey Data Continued

AABH	DNRC East Flume #2 (original)	45.48604598	0.035	-109.4793838	0.024	4282.215	0.054
AABI	Chandler Weir	45.48583782	0.034	-109.477351	0.026	4277.137	0.057
AABJ	DNRC Piezometer P5	45.48523343	0.032	-109.4845468	0.026	4316.402	0.061
AABK	DNRC Flume #1	45.48497918	0.031	-109.4859303	0.025	4320.595	0.057
AABL	DNRC Piezometer P4	45.48439584	0.031	-109.4854856	0.025	4323.486	0.057
AABM	DNRC Piezometer P3	45.48374354	0.032	-109.4917691	0.026	4366.159	0.057
AABN	DNRC Piezometer P2	45.48391995	0.03	-109.4955827	0.025	4402.53	0.056
AABO	DNRC Piezometer P1	45.48341278	0.029	-109.4984942	0.026	4436.457	0.056
AABP	Borland Spring 1 (BAT 1)	45.48330479	0.076	-109.4995509	0.028	4448.835	0.078
AABQ	New well in Lot 58	45.48397075	0.032	-109.4987751	0.026	4461.447	0.054

Source: R. Levens, DNRC, Helena

Private Well Data for Horse Creek Area From the Ground Water Information Center (GWIC)

Lot No.	Current Well Owner	GWIC ID	Town-ship	Range	Sec-tion	Quarter	Quarter	Quarter	Latitude	Longitude	Altitude	Completion Date	Depth	Static Level	GPM	Eleva-tion	Driller Name	Location Code
1	Walsh, Chambers	179441	04S	18E	15				45.492	-109.488		11/22/99	130	42	30		B&H	OCGWA
2	Baird	236299	04S	18E	15	NE1/4	NW1/4	NE1/4	45.493	109.487		03/05/07	270	75	12			OCGWA
3	Alley	185283	04S	18E	15				45.492	-109.484		11/13/00	300	125	1.5		B&H	OCGWA
3	Alley	185284	04S	18E	15	NE1/4	NW1/4	NE1/4	45.491	109.486	4430	11/16/00	300	50	11			OCGWA
4	Bailey																	OCGWA
11	Wassman	192450	04S	18E	14				45.491	-109.479		12/06/01	130	41	25		Pro Pump	OCGWA
12	Stebbins	192455	04S	18E	14				45.491	-109.478		11/16/01	110	35.91	50		Pro Pump	OCGWA
13	Lofstedt	192456	04S	18E	14				45.493	-109.476		09/06/01	132	93.33	21		Pro Pump	OCGWA
15	Erickson, Rice	198090	04S	18E	15				45.492	-109.477		08/05/02	160	70	25		Pro Pump	OCGWA
16	Duffy	195663	04S	18E	14				45.492	-109.476		04/23/02	120	63	30		Pro Pump	OCGWA
24	Balfany	216365	04S	18E	14				45.488	-109.472		11/18/04	250	84	5		AAQUA	OCGWA
29	Flynn	202657	04S	18E	15				45.488	-109.484		10/10/02	125	14.5	60		Pro Pump	OCGWA
30	Skorka	202653	04S	18E	15				45.487	-109.483		10/10/02	104	28.5	30		Pro Pump	OCGWA
36	Bretherich																	OCGWA
39	Harvkey																	OCGWA
53	Kynast	236298	04S	18E	15	NE1/4	SE1/4	NW1/4	45.489	109.492		03/07/07	110	29	30			OCGWA
56	Poliseno	235627	04S	18E	15	NE1/4	SW1/4	NW1/4	45.488	109.496		04/30/07	103	29.5	21		Pro Pump	OCGWA
57	Poliseno	224961	04S	18E	15				45.494	-109.746		10/17/05	220	31	4		Pro Pump	OCGWA
	Borland	170592	04S	18E	14				45.492	-109.478		01/22/97	160	55	12		Pro Pump	OCGWA
	Borland	170594	04S	18E	15				45.489	-109.483		01/23/97					Pro Pump	OCGWA
	Borland	170593	04S	18E	15				45.488	-109.485		11/23/97	100		34		Pro Pump	OCGWA
	Crow Chief Meadows	224961	04S	18E	15	SW1/4	NE1/4	SW1/4	45.494	109.746		10/17/05	220	31	4		Pro Pump	OCGWA
	Borland	234528	04S	18E	15	SE1/4		NW1/4	45.488	109.493		09/19/06	170	44	8		Douglas Drilling	OCGWA
	Crow Chief Meadows	236748	04S	18E	15	NW1/4	NW1/4	SE1/4	45.484	109.488		06/29/07	101.5	24.2	43		Pro Pump	OCGWA
	Chandler	236303	04S	18E	14	NW1/4	NE1/4	NW1/4	45.492	109.474		05/16/07	130	69	35			OCGWA
	Flanagan	207401	04S	18E	10				45.495	-109.482		09/30/03	230	44	20		AAQUA	OCGWA
	Rex	101262	04S	18E	3				45.513	109.446		01/01/60	80	15	50			OCGWA

Private Well Data for Horse Creek Area From the Ground Water Information Center (GWIC) Continued

Gauthier	156921	04S	18E	3				45.519	-109.496		03/20/96	150	30	4.3	AAQUA	OCGWA
Brown	162740	04S	18E	20				45.477	-109.539		10/10/96	400	70	5	B&H	ECGWA
Bass	215571	04S	18E	20	SW1/4	NE1/4	SW1/4	45.470	109.533	4775		200	116.45			ECGWA
Martin	126430	04S	18E	3				45.520	-109.497		11/19/91	110	40	20	Rock Creek	ECGWA
Strobel	218386	04S	18E	3				45.517	-109.493		03/28/05	210	95	2	AAQUA	ECGWA
Strobel	223149	04S	18E	3				45.517	-109.493		10/19/05	370	259	10	AAQUA	ECGWA
Sostrom	228315	04S	18E	3				45.511	-109.493		08/17/06	390	248	15	AAQUA	ECGWA
Kroh	99932	04S	18E	3	NE1/4	NE1/4	NW1/4	45.521	109.492	4180	05/27/83	210	65	5	Stillwater	ECGWA

Source:
GWIC,
2007

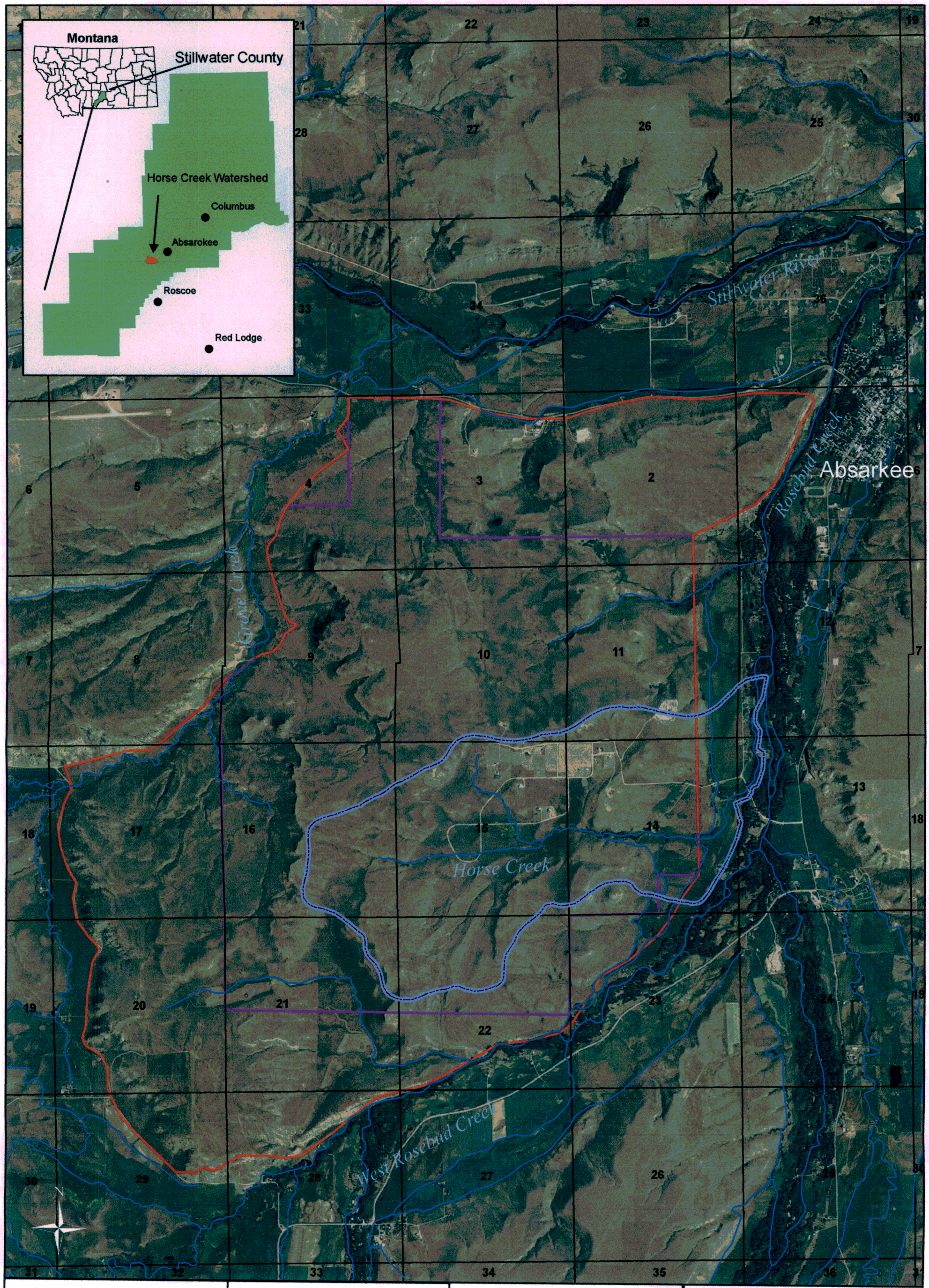
MAPS

Map 1. Location of Temporary and Proposed Horse Creek Groundwater Area

Map 2. Location of Groundwater and Surface Water Monitoring Sites.

Map 3. Geology Map

Map 4. Potentiometric Map of Horse Creek CGWA and vicinity



Legend

- Streams
- Proposed Controlled Groundwater Area
- Temporary Controlled Groundwater Area
- Hydrologic Divide

0 0.25 0.5 0.75 1 Miles

1:32,000

Source
Air Photo: Montana 2005 Color NAIP Orthophotos.

Prepared By: RyeSvingen/Jill Branch
Reviewed by: Tom Osborne
Production Date: October 9, 2007
Projection Information:
Name: NAD 1983 UTM Zone 12N
Datum: North American 1983
File: P:\HORSE CREEK\GIS\HOR03_Map1_Location.mxd

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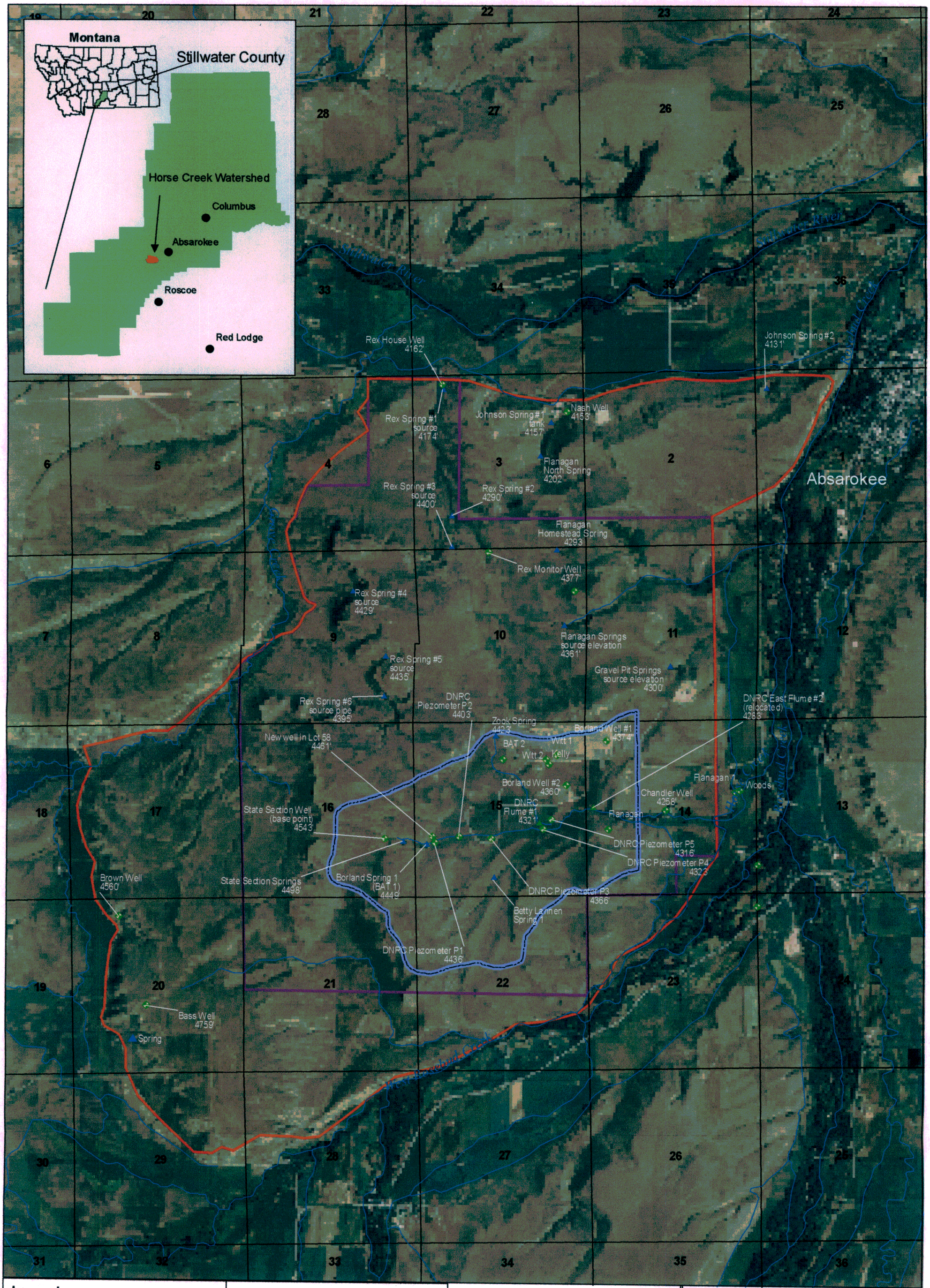
Map 1

Location of Temporary and Proposed Horse Creek Groundwater Area



Legend

- Spring
- Surface Water
- Well
- Streams
- Proposed Controlled Groundwater Area
- Hydrologic Divide
- Temporary Controlled Groundwater Area

0 0.25 0.5 0.75 1 Miles

1:32,000

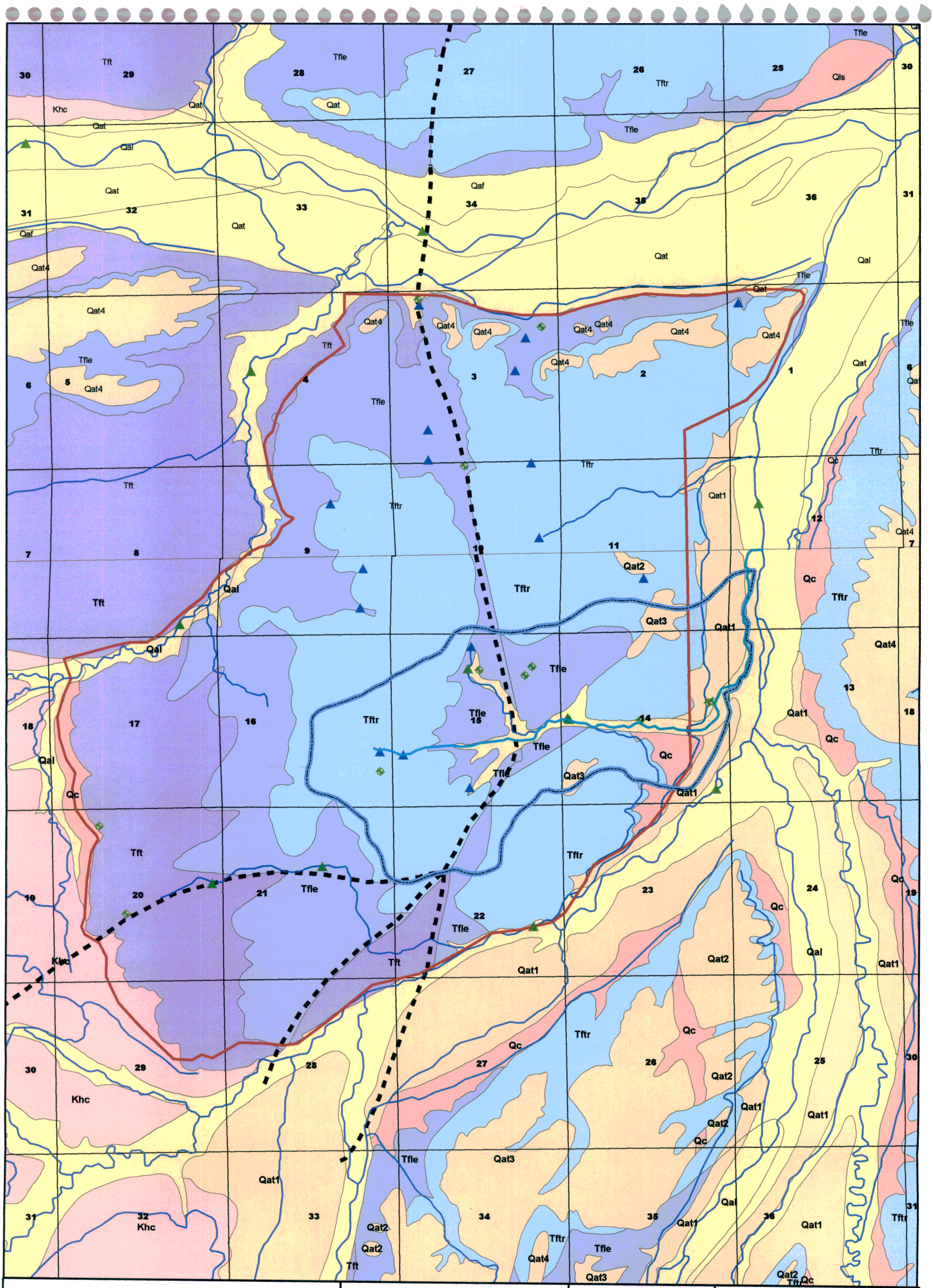
Source
Air Photo: Montana 2005 Color NAIP Orthophotos.

Prepared By: RyeSvingen/JNB
Reviewed by: Tom Osborne
Production Date: October 10, 2007
Projection Information:
Name: NAD 1983 UTM Zone 12N
Datum: North American 1983
File: P:\HORSE CREEK\GIS\HOR03_Map2_sitemap.mxd

Hydro Solutions Inc

Map 2

Location of Groundwater and Surface Water Monitoring Sites



Legend

- Spring
- Surface Water
- Well
- Streams
- Faults
- Hydrologic Divide
- Proposed Controlled Groundwater Area
- Tftr, Tongue River
- Tfle, Lebo
- Tft, Tullock
- Khc
- Klsr
- Qc, Qls, Qg
- Quat. Alluvium
- Qat1, 2, 3, 4, 5

0 0.25 0.5 0.75 1 Miles

1:32,000

Source
Air Photo: Montana 2005 Color NAIP Orthophotos.
Geology:Montana Bureau of Mines and Geology, Red Lodge and Big Timber, 30'x60' Geologic Quad, 2001.
Groundwater Contours: HSI

Prepared By: Rye Svingen/JNB
Reviewed By: Tom Osborne
Production Date: October 10, 2007
Projection Information:
Name: NAD 1983 StatePlane Montana FIPS 2500
Datum: North American 1983
File: P:\HORSE CREEK\GIS\HOR03_MAP3_Geology.mxd

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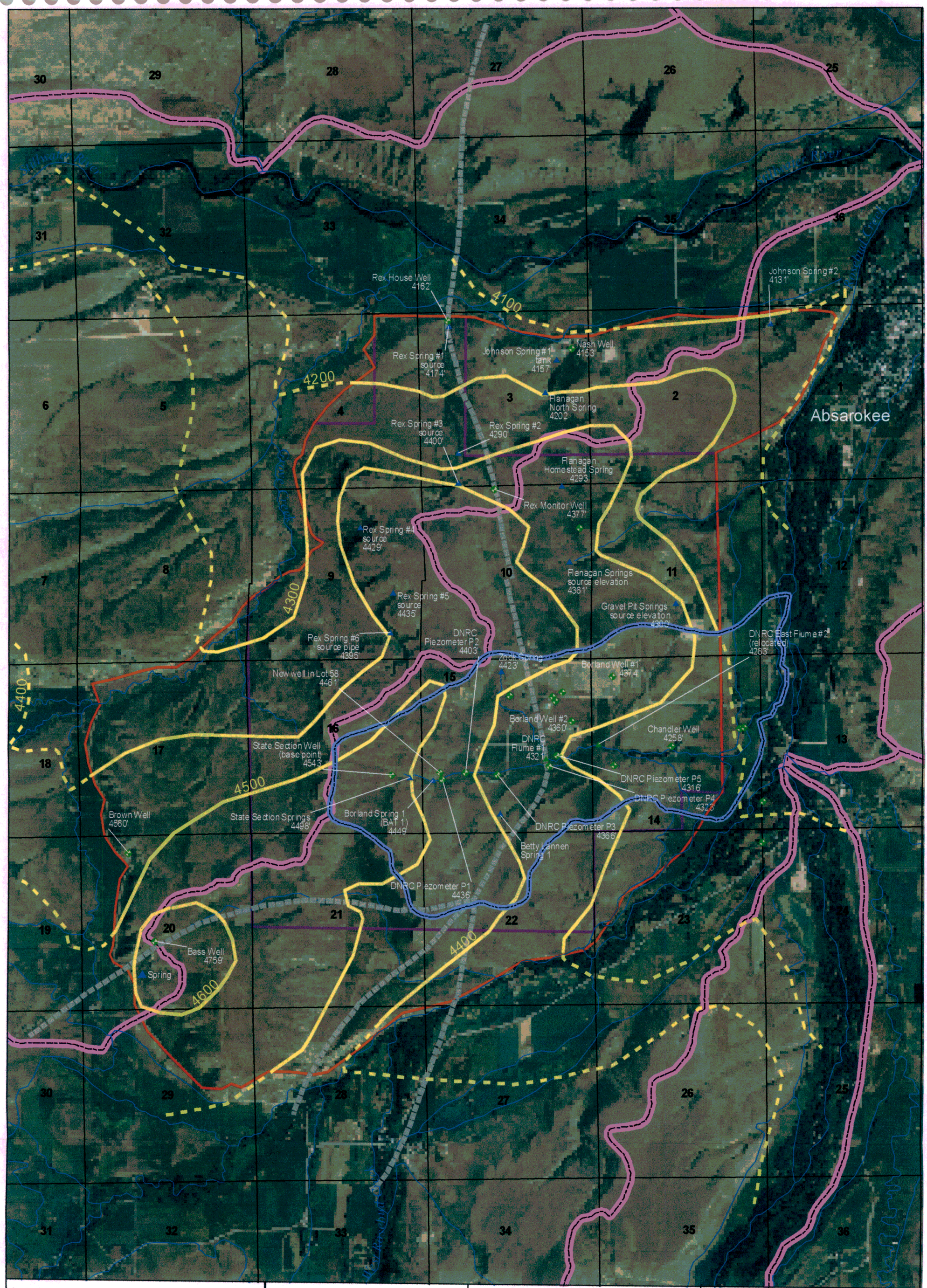
Map 3

Geologic Map of Horse Creek CGWA and vicinity



Legend

- Spring
- Surface Water
- Well
- Potentiometric Contour 100ft
- Dashed Where Estimated
- Proposed Controlled Groundwater Area
- Hydrologic Divide
- Fault
- Streams
- 5th Order Basin

Miles

0 0.25 0.5 0.75 1

1:32,000

Source
Air Photo: Montana 2005 Color NAIP Orthophotos.
Groundwater Contours: HSI

Prepared By: RyeSvingen/JNB
Reviewed by: Tom Osborne
Production Date: October 10, 2007
Projection Information:
Name: NAD 1983 UTM Zone 12N
Datum: North American 1983
File: P:\HORSE CREEK\GIS\HOR03_Map4_potentiometric.mxd

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Map 4

Composite Potentiometric Map of Horse Creek CGWA and vincinity